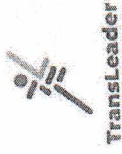




Co-funded by
the European Union

U **Uniwersytet**
BB **Bielsko-Bialski**



CERTIFICATE OF INTERNSHIP

This is to certify that

IHOR BODNARCHUK

Associate Professor at the Computer Science department of Ternopil Ivan Puluj National Technical University, has successfully completed a Remote Training „Good practices in hands-on learning and knowledge transfer in AI and IoT” within activity A2.6 of Erasmus+ Project 2023-2-PL01-KA220-HED-000179445 The transferable training model - the best choice for training IT business leaders (TransLeader) from 08.01.2025 to 20.02.2025 under guidance of the University of Bielsko-Biala.

During the period of his internship program (180 hours) he gained the following skills:

- ✓ Deep understanding of AI and IoT applications in various sectors
- ✓ Transferable models of knowledge transfer and collaboration between academia and industry
- ✓ Developing strategy to enhance the relevance and quality of education using AI/IoT

and prepared the use-case based project entitled:

Manufacturing: Predictive Maintenance

Projektu TransLeader

Erasmus+
nr umowy 2023-2-PL01-KA220-HED-000179445

Vasyl Martsenyuk

TransLeader Coordinator (University of Bielsko-Biala)

Reference Number: K18/109/2025

Date: 24.02.2025

prof. dr hab. Vasyl Martsenyuk



CONFIRMATION

This is to certify that

Associate Professor Vitaly Brevus

a researcher in the *Department of Software Engineering – Ternopil Ivan Puluj National Technical University* (Ternopil, Ukraine) has performed an internship at the *Department of Information Technology of the Faculty of Mathematics and Information Technology – Lublin University of Technology* (Lublin, Poland).

DETAILS OF THE INTERNSHIP:

Topic: *Developing Applications with the LangChain framework*

Type: pedagogical / scientific

Form: distance learning

Term: from 17/03/2025 to 25/04/2025

TOTAL: 180 hours

Date: 25/04/2025

Stamp: z-ca KIEROWNIKA
Katedry Informatyki Technicznej

dr inż. Łukasz Sobaszek

Signed:

CERTIFICATE of Internship

This certificate is presented to

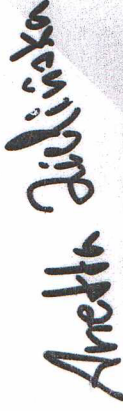
Yuriy Vark

For her outstanding completion of the internship program "Integrated Analysis and Optimization of Intelligent Transport Systems: From Theoretical Foundations to Sustainable Mobility and Safety" at the Centre of Sociological Research, Poland from January 20 to March 2, 2025 (6 credits ECTS).



Yuriy Bilan

Internship Coordinator



Anetta Zielińska

Project Manager

ВМС



МІНІСТЕРСТВО ОСВІТИ І НАУКИ УКРАЇНИ
ТЕРНОПІЛЬСЬКИЙ НАЦІОНАЛЬНИЙ ТЕХНІЧНИЙ УНІВЕРСИТЕТ
імені ІВАНА ПУЛЮЯ

НАКАЗ

29. 10. 2025
Про відрядження

м. Тернопіль

№ 4/8-34

З метою налагодження міжнародного співробітництва,-

НАКАЗУЮ:

1. Відрядити Гарматій Наталію Михайлівну – доцента 0,9 окладу кафедри економічної кібернетики у м. Варшаву (Польща) у Варшавську політехніку для проходження міжнародного стажування та проведення спільних наукових досліджень у термін з 01 листопада по 21 грудня 2025 року із збереженням середнього заробітку.

2. Витрати на відрядження Гарматій Н. М. здійснює приймаюча сторона.

Підстава: листи-запрошення, службова записка завідувача кафедри БЕ Олени БЕРЕСТЕЦЬКОЇ.

Т.в.о. ректора

Олега ЛЯШУКА

Проект вносить:
Начальника відділу
кадрів Ольга ЦІЦЮРА

Погоджено:

Проректор з НГР Степан ДЯЧУК

Проректор з МС Олена СОРОКІВСЬКА

Головний бухгалтер Галина МАРЦЕНКО

Керівник НВ Ігор ТКАЧЕНКО

Т.в.о. начальника
ОЮВ Наталя ЯМПОЛЬСЬКА



EAST EUROPEAN ASSOCIATION OF SCIENTISTS (WARSAW, POLAND)

CERTIFICATE

INTERNSHIP №2606-0608-56 CERTIFIES THAT

Holotenko Oleksandr

from 26 June to 6 August 2025 completed a scientific internship

by East European Association of Scientists in the amount of 180 hours (6 ECTS credits)

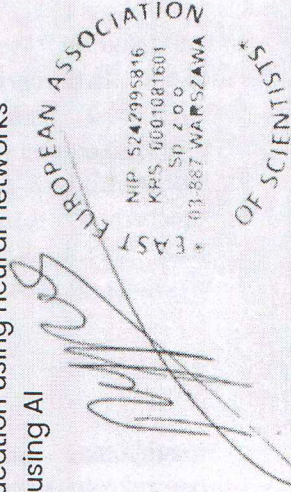
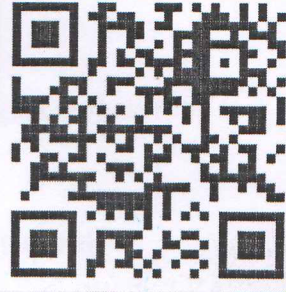
«THE AI REVOLUTION IN RESEARCH AND EDUCATION: MASTERING NEURAL NETWORKS, MACHINE LEARNING, AND ETHICAL INNOVATION»

SCIENTIFIC INTERNSHIP PROGRAMME

- Module 1: Artificial Neural Networks: Theory and Practice
- Module 2: Machine learning in artificial intelligence systems: model creation and practical application
- Module 3: Image generation based on artificial intelligence
- Module 4: Using AI tools in academic writing and the limits of academic integrity
- Module 5: Features of information retrieval and self-education using neural networks
- Module 6: Fundamentals of statistical data processing using AI

MYROSLAV BURYK

PHD (PUBLIC ADMINISTRATION), PRESIDENT SP.Z.O.O
"EAST EUROPEAN ASSOCIATION OF SCIENTISTS"





Co-funded by
the European Union

U **Uniwersytet**
B **Bielsko-Bialski**



TransLeader

CERTIFICATE OF INTERNSHIP

This is to certify that

IRYNA DEDIV

Associate Professor at the Department of Radio Engineering Systems of Ternopil Ivan Puluj National Technical University, has successfully completed a Remote Training „Good practices in hands-on learning and knowledge transfer in AI and IoT” within activity A2.6 of Erasmus+ Project 2023-2-PL01-KA220-HED-000179445 The transferable training model - the best choice for training IT business leaders (TransLeader) from 08.01.2025 to 20.02.2025 under guidance of the **University of Bielsko-Biala**.

During the period of his internship program (180 hours) she gained the following skills:

- ✓ Deep understanding of AI and IoT applications in various sectors
- ✓ Transferable models of knowledge transfer and collaboration between academia and industry
- ✓ Developing strategy to enhance the relevance and quality of education using AI/IoT and prepared the use-case based project entitled:

Smart City: IoT-based 5G telecommunication system

Vasyl Martsenyuk

TransLeader Coordinator (University of Bielsko-Biala)

UJ 2025-02-24 10:00:00

Reference Number: K18/101/2024

Date: 24.02.2025

KIERCOWNIK
Projektu TransLeader

UJ 2025-02-24 10:00:00
K18/101/2024



Co-funded by
the European Union

U
BB **Uniwersytet**
Bielsko-Bialski



CERTIFICATE OF INTERNSHIP

This is to certify that

LEONID DEDIV

Associate Professor at the Department of Biotechnical Systems of Ternopil Ivan Puluj National Technical University, has successfully completed a Remote Training „Good practices in hands-on learning and knowledge transfer in AI and IoT” within activity A2.6 of Erasmus+ Project 2023-2-PL01-KA220-HED-000179445 The transferable training model - the best choice for training IT business leaders (TransLeader) from 08.01.2025 to 20.02.2025 under guidance of the University of Bielsko-Biala.

During the period of his internship program (180 hours) he gained the following skills:

- ✓ Deep understanding of AI and IoT applications in various sectors
 - ✓ Transferable models of knowledge transfer and collaboration between academia and industry
 - ✓ Developing strategy to enhance the relevance and quality of education using AI/IoT
- and prepared the use-case based project entitled:

Smart City: IoT-based 5G telecommunication system

KIEROWNIK
Projektu TransLeader

Erasmus+
Nr umowy 2023-2-PL01-KA220-HED-000179445

Vasyl Martsenyuk
TransLeader Coordinator (University of Bielsko-Biala)

Reference Number: K18/105/2024
Date: 24.02.2025

prof. dr hab. Vasyl Martsenyuk

CERTIFICATE

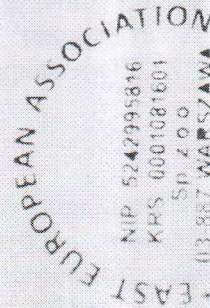
CONFIRMS THAT

Dr. Fryna Didych

was a speaker at the international internship "The AI Revolution in Research and Education: Mastering Neural Networks, Machine Learning, and Ethical Innovation" (June 26 - August 6, 2025). In particular, Dr. Didych methodically and pedagogically provided three modules: "Artificial Neural Networks: Theory and Practice"; "Machine Learning in AI Systems"; "AI-Based Image Generation."

CHAIRMAN OF THE EAST EUROPEAN
ASSOCIATION OF SCIENTISTS

Myrosław BURYK



OF SCIENTISTS



Co-funded by
the European Union

U **Uniwersytet**
B **Bielsko-Bialski**



CERTIFICATE OF INTERNSHIP

This is to certify that

LESIA DMYTROTSA

Associate Professor at the Computer Science department of Ternopil Ivan Puluj National Technical University, has successfully completed a Remote Training „Good practices in hands-on learning and knowledge transfer in AI and IoT” within activity A2.6 of Erasmus+ Project 2023-2-PL01-KA220-HED-000179445 The transferable training model - the best choice for training IT business leaders (TransLeader) from 08.01.2025 to 20.02.2025 under guidance of the University of Bielsko-Biala.

During the period of her internship program (180 hours) she gained the following skills:

- ✓ Deep understanding of AI and IoT applications in various sectors
- ✓ Transferable models of knowledge transfer and collaboration between academia and industry
- ✓ Developing strategy to enhance the relevance and quality of education using AI/IoT

and prepared the use-case based project entitled:

Manufacturing: Predictive Maintenance

Vasyl Martsenyuk
TransLeader Coordinator (University of Bielsko-Biala)

Projektni TransLeader
Erasmus+
Nr umowy 2023-2-PL01-KA220-HED-000179445
prof. dr hab. *Vasyl Martsenyuk*

Reference Number: K18/110/2025
Date: 24.02.2025



Co-funded by
the European Union

U **BB** **Uniwersytet**
Bielsko-Bialski



CERTIFICATE OF INTERNSHIP

This is to certify that

OKSANA DOZORSKA

Senior Lecturer at the Department of Biotechnical Systems of Ternopil Ivan Puluj National Technical University, has successfully completed a Remote Training „Good practices in hands-on learning and knowledge transfer in AI and IoT” within activity A2.6 of Erasmus+ Project 2023-2-PL01-KA220-HED-000179445 The transferable training model - the best choice for training IT business leaders (TransLeader) from 08.01.2025 to 20.02.2025 under guidance of the University of Bielsko-Biala.

During the period of his internship program (180 hours) she gained the following skills:

- ✓ Deep understanding of AI and IoT applications in various sectors
 - ✓ Transferable models of knowledge transfer and collaboration between academia and industry
 - ✓ Developing strategy to enhance the relevance and quality of education using AI/IoT
- and prepared the use-case based project entitled:

Smart City: IoT-based 5G telecommunication system

Vasyl Martsenyuk

TransLeader Coordinator (University of Bielsko-Biala)

KIEROWNIK
Projektu TransLeader

Erasmus+
Nr umowy 2023-2-PL01-KA220-HED-000179445

prof. dr hab. *Vasyl Martsenyuk*

Reference Number: K18/108/2024

Date: 24.02.2025



CERTIFICATE OF INTERNSHIP

This is to certify that

VASIL DOZORSKYI

Associate Professor at the Department of Biotechnical Systems of Ternopil Ivan Puluj National Technical University, has successfully completed a Remote Training „Good practices in hands-on learning and knowledge transfer in AI and IoT” within activity A2.6 of Erasmus+ Project 2023-2-PL01-KA220-HED-000179445 The transferable training model - the best choice for training IT business leaders (TransLeader) from 08.01.2025 to 20.02.2025 under guidance of the University of Bielsko-Biala.

During the period of his internship program (180 hours) he gained the following skills:

- ✓ Deep understanding of AI and IoT applications in various sectors
- ✓ Transferable models of knowledge transfer and collaboration between academia and industry
- ✓ Developing strategy to enhance the relevance and quality of education using AI/IoT and prepared the use-case based project entitled:

Smart City: IoT-based 5G telecommunication system

Vasyl Martsenyuk
TransLeader Coordinator (University of Bielsko-Biala)

KIEROWNIK
Projektu TransLeader

Erasmus+
Nr umowy 2023-2-PL01-KA220-HED-000179445
prof. dr hab. Vasyl Martsenyuk

Reference Number: K18/107/2024
Date: 24.02.2025



Co-funded by
the European Union

Uniwersytet
Bielsko-Bialski



CERTIFICATE OF INTERNSHIP

This is to certify that

VASYL DUNETS

Associate Professor at the Department of Radio Engineering Systems of Ternopil Ivan Puluj National Technical University, has successfully completed a Remote Training „Good practices in hands-on learning and knowledge transfer in AI and IoT” within activity A2.6 of Erasmus+ Project 2023-2-PL01-KA220-HED-000179445 The transferable training model - the best choice for training IT business leaders (TransLeader) from **08.01.2025** to **20.02.2025** under guidance of the **University of Bielsko-Biala**.

During the period of his internship program (180 hours) he gained the following skills:

- ✓ Deep understanding of AI and IoT applications in various sectors
 - ✓ Transferable models of knowledge transfer and collaboration between academia and industry
 - ✓ Developing strategy to enhance the relevance and quality of education using AI/IoT
- and prepared the use-case based project entitled:

Smart City: IoT-based 5G telecommunication system

Vasyl Martsenyuk
TransLeader Coordinator (University of Bielsko-Biala)

Reference Number: K18/100/2024
Date: 24.02.2025

Certificate of Completion
No. 03/06/2025

This is to certify that

Doc. Ph.D. Nataliya ZAGORODNA

Head of the Department of Cyber Security

from

Ternopil Ivan Puluj National Technical University (Ukraine)

Has successfully completed

TWO MONTHS

(FROM 7TH APRIL, 2025 TO 9TH JUNE, 2025) LONG
INTERNSHIP AT THE VOCATIONAL TRAINING CENTRE IN NOWY SACZ
(NOWY SACZ, POLAND).

THE SUBJECT OF INTERNSHIP: "INNOVATIVE APPROACHES IN RESEARCH AND EDUCATION".

THE INTERNSHIP WAS CONDUCTED ONLINE.

THE INTERNSHIP PLAN HAS BEEN FULLY IMPLEMENTED.

THE DURATION OF THE INTERNSHIP PROGRAM WAS
180 HOURS (6 ECTS-CREDITS).

09/06/2025

Date

DYREKTOR
Centrum Kształcenia Zawodowego
w Nowym Sączu

dr hab. inż. Marek Aleksander

Trusted to deliver excellence

Certificate of Completion

No. 01/06/2025

This is to certify that

Prof. D.Sc. Eng. Mykola KARPINSKYI

Department of Cyber Security

from

Ternopil Ivan Puluj National Technical University (Ukraine)

Has successfully completed

TWO MONTHS

(FROM 7TH APRIL, 2025 TO 9TH JUNE, 2025) LONG

INTERNSHIP AT THE VOCATIONAL TRAINING CENTRE IN NOWY SACZ
(NOWY SACZ, POLAND).

THE SUBJECT OF INTERNSHIP: "INNOVATIVE APPROACHES IN RESEARCH AND EDUCATION".

THE INTERNSHIP WAS CONDUCTED ONLINE.

THE INTERNSHIP PLAN HAS BEEN FULLY IMPLEMENTED.

THE DURATION OF THE INTERNSHIP PROGRAM WAS
180 HOURS (6 ECTS-CREDITS).

09/06/2025

Date

DYREKTOR
Centrum Kształcenia Zawodowego
w Nowym Sączu
dr hab. inż. Marek Aleksander

Trusted to deliver excellence

Certificate of Completion
No. 02/06/2025

This is to certify that

Doc. Ph.D. Ruslan KOZAK

Department of Cyber Security
from

Ternopil Ivan Puluj National Technical University (Ukraine)

Has successfully completed

TWO MONTHS

(FROM 7TH APRIL, 2025 TO 9TH JUNE, 2025) LONG
INTERNSHIP AT THE VOCATIONAL TRAINING CENTRE IN NOWY SACZ
(NOWY SACZ, POLAND).

THE SUBJECT OF INTERNSHIP: "INNOVATIVE APPROACHES IN RESEARCH AND EDUCATION".

THE INTERNSHIP WAS CONDUCTED ONLINE.

THE INTERNSHIP PLAN HAS BEEN FULLY IMPLEMENTED.

THE DURATION OF THE INTERNSHIP PROGRAM WAS
180 HOURS (6 ECTS-CREDITS).

09/06/2025

Date

DYREKTOR
Centrum Kształcenia Zawodowego
w Nowym Sączu
dr hab. inż. Marek Aleksander

Trusted to deliver excellence



Co-funded by
the European Union

Uniwersytet
Bielsko-Bialski



CERTIFICATE OF INTERNSHIP

This is to certify that

HALYNA KOZBUR

Associate Professor at the Computer Science department of Ternopil Ivan Pulu National Technical University, has successfully completed a Remote Training „Good practices in hands-on learning and knowledge transfer in AI and IoT” within activity A2.6 of Erasmus+ Project 2023-2-PL01-KA220-HED-000179445 The transferable training model - the best choice for training IT business leaders (TransLeader) from 08.01.2025 to 20.02.2025 under guidance of the University of Bielsko-Biala.

During the period of her internship program (180 hours) she gained the following skills:

- ✓ Deep understanding of AI and IoT applications in various sectors
- ✓ Transferable models of knowledge transfer and collaboration between academia and industry
- ✓ Developing strategy to enhance the relevance and quality of education using AI/IoT

and prepared the use-case based project entitled:

Manufacturing: Predictive Maintenance

Vasyl Martsenyuk

TransLeader Coordinator (University of Bielsko-Biala)

KIEROWNIK
Projektu TransLeader

Erasmus+
Nr umowy 2023-2-PL01-KA220-HED-000179445

Reference Number: K18/116/2025
Date: 24.02.2025

prof. dr hab. Vasyl Martsenyuk



August 22, 2025

CERTIFICATE

Please accept this letter as confirmation that **Iryna Kramar**, D.Sc. (Economics), Professor of Economics and Finance Department, Ternopil Ivan Puluj National Technical University, Ukraine has successfully completed an internship at **Lubov SSMI Foundation Inc (MB, Canada)**.

Duration of internship: February 17, 2025 - August 22, 2025, total volume - 6 ECTS credits, 180 hrs.
Form of internship - hybrid: onsite and online.

During the internship, Dr. Kramar was involved in activities related to Lubov's fundraising and stewardship work. She conducted fundamental research to identify potential grants and sponsorship opportunities provided by government (30 hours/1 ECTS credit), non-profit organizations (60 hours/2 ECTS credits) and corporations (90 hours/3 ECTS credits), conducting their activities both in the region and nationwide.

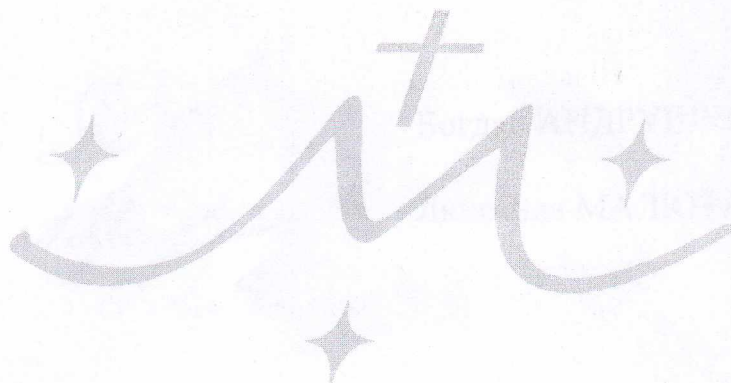
This research will prove invaluable as Lubov continues to pursue additional sources of philanthropic funding for ministries in Winnipeg, Canada and Lviv, Ukraine and will also contribute to the development of the foundation's marketing and communication activities.

On behalf of Lubov SSMI Foundation, please accept our gratitude for Dr. Kramar's assistance. We hope to work with her again in future, and wish her the very best in all her endeavours.

If you require additional information or have any questions, please contact me at 1-204-942-0443 or kfox@lubovfoundation.ca.

Sincerely,

Katherine (Washchyshyn) Fox
CEO, Lubov SSMI Foundation Inc.





МІНІСТЕРСТВО ОСВІТИ І НАУКИ УКРАЇНИ
ТЕРНОПІЛЬСЬКИЙ НАЦІОНАЛЬНИЙ ТЕХНІЧНИЙ УНІВЕРСИТЕТ
імені ІВАНА ПУЛЮЯ

НАКАЗ

03.09.2025

Про відрядження

м. Тернопіль

№ 4/8-25

Для проходження стажування, -

НАКАЗУЮ:

1. Відрядити Крамар Ірину Юріївну – професора кафедри економіки та фінансів в організацію Lubov SSMI Foundation Inc (м.Вінніпег, Канада), для проходження стажування з метою поглиблення знань у сфері етичного лідерства, сталого розвитку, соціальної відповідальності, здобуття практичного досвіду роботи з розвитку та маркетингового аспекту діяльності неприбуткової організації, що працює за кордоном і займається залученням коштів для підтримки окремих соціальних верств населення, у період з 08 вересня 2025 року до 30 січня 2026 року без збереження середнього заробітку.

2. Витрати на відрядження Крамар І.Ю. здійснює приймаюча сторона.

Підстава: службова записка завідувача кафедри економіки та фінансів Крупки А.Я., лист – запрошення.

Ректор

Микола МИТНИК

Проект вносить:
начальник відділу
кадрів Ольга ЦІЦЮРА

Погоджено:

Перший проректор

Олег ЛЯШУК

Головний бухгалтер

Галина МАРЦЕНКО

Керівник навчального
відділу

Ігор ТКАЧЕНКО

Т.в.о.начальника організаційно -
юридичного відділу

Наталя ЯМПОЛЬСЬКА



CERTIFICATE

INTERNSHIP №1501-2602-10 CERTIFIES THAT

Krupa Volodymyr

from 15 January to 26 February 2025 has completed a scientific internship with the East European Association of Scientists, totalling 180 hours (6 ECTS credits), on the programme

"ARTIFICIAL INTELLIGENCE AND THE LIMITS OF ACADEMIC INTEGRITY"

SCIENTIFIC INTERNSHIP PROGRAMME

Module List:

1. Introduction to AI platforms and tools.
2. AI and data analysis tools.
3. Implementation and use of AI.
4. Academic integrity and artificial intelligence in educational and scientific activities.
5. Ensuring academic integrity in research.
6. Integrating AI into educational processes.

MYROSLAV BURYK

PHD (PUBLIC ADMINISTRATION), PRESIDENT SP.Z.O.O.
"EAST EUROPEAN ASSOCIATION OF SCIENTISTS"

EUROPEAN ASSOCIATION
holding activities
KRS 0001024601
SP. Z O.O.
03-867 WARSZAWA

OF SCIENTISTS*

CERTIFICATE

Nº 205 , awarded to

Andrii Krupka

In recognition of completing the International scientific and pedagogical internship

«**Finance, banking, insurance and the stock market: European integration dimensions and current challenges**»

180 hours (6 ECTS) from March 3, 2025 to April 13, 2025

at the Netherlands Business Academy (Breda, the Netherlands)

Internship programme:

- Module 1.** New coordinates of global uncertainties and threats to national financial systems (20 hours).
- Module 2.** Public finance management: modern challenges and global imperatives (30 hours).
- Module 3.** Transformational trends in global finance and Ukraine's European integration vector (20 hours).
- Module 4.** The security paradigm of banking and insurance market developments (20 hours).
- Module 5.** Business finance and asymmetries of modern financial technologies (30 hours).
- Module 6.** Financial aspects of investments: European integration dimension (20 hours).
- Module 7.** Accounting, taxation and audit of business entities: international trends and areas for improvement in Ukraine (30 hours).
- Module 8.** Modern research and educational projects, and innovative teaching methods in the context of global and national challenges (10 hours).

The research tasks listed in the internship programme have been completed.

Rector of the Netherlands Business Academy
Prof. Dr. h. c. Jan van Zwieten



April 13, 2025



EAST EUROPEAN ASSOCIATION OF SCIENTISTS (WARSAW, POLAND)

CERTIFICATE

INTERNSHIP №2606-0608-35 CERTIFIES THAT

Levytskyi Vitalii

from 26 June to 6 August 2025 completed a scientific internship

by East European Association of Scientists in the amount of 180 hours (6 ECTS credits)

«THE AI REVOLUTION IN RESEARCH AND EDUCATION: MASTERING NEURAL NETWORKS, MACHINE LEARNING, AND

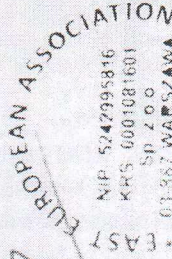
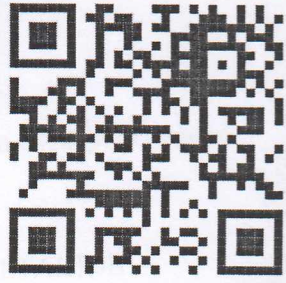
ETHICAL INNOVATION»

SCIENTIFIC INTERNSHIP PROGRAMME

- Module 1: Artificial Neural Networks: Theory and Practice
- Module 2: Machine learning in artificial intelligence systems: model creation and practical application
- Module 3: Image generation based on artificial intelligence
- Module 4: Using AI tools in academic writing and the limits of academic integrity
- Module 5: Features of information retrieval and self-education using neural networks
- Module 6: Fundamentals of statistical data processing using AI

MYROSLAV BURYK

PHD (PUBLIC ADMINISTRATION), PRESIDENT SP.Z.O.O
"EAST EUROPEAN ASSOCIATION OF SCIENTISTS"



OF SCIENTISTS



CERTIFICATE

№ IAR-WSSG .166./2025-1

This is to certify that

TARAS LECHACHENKO

has successfully completed the International Academic Research and Methodological Internship entitled

«Modern EdTech in the Educational Process of Higher Education Institutions»

Higher School of Social and Economic Studies in Przeworsk (Poland)

Held online from February 1 to May 10, 2025

Credits: 6 ECTS (180 hours)

DZIEKAN

dr inż. Waldemar Włoch

REKTOR

dr hab. inż. Piotr Jarośz



Przeworsk, 2025

CERTIFICATE

N° 241 , awarded to

Nataliia Marynenko

In recognition of completing the International scientific and pedagogical internship

«**Finance, banking, insurance and the stock market: European integration dimensions and current challenges**»

180 hours (6 ECTS) from March 3, 2025 to April 13, 2025

at the Netherlands Business Academy (Breda, the Netherlands)

Internship programme:

- Module 1.** New coordinates of global uncertainties and threats to national financial systems (20 hours).
- Module 2.** Public finance management: modern challenges and global imperatives (30 hours).
- Module 3.** Transformational trends in global finance and Ukraine's European integration vector (20 hours).
- Module 4.** The security paradigm of banking and insurance market developments (20 hours).
- Module 5.** Business finance and asymmetries of modern financial technologies (30 hours).
- Module 6.** Financial aspects of investments: European integration dimension (20 hours).
- Module 7.** Accounting, taxation and audit of business entities: international trends and areas for improvement in Ukraine (30 hours).
- Module 8.** Modern research and educational projects, and innovative teaching methods in the context of global and national challenges (10 hours).

The research tasks listed in the internship programme have been completed.

Rector of the Netherlands Business Academy
Prof. Dr. h. c. Jan van Zwieten



CERTIFICATE

Nº 253 , awarded to

Iryna Markovych

In recognition of completing the International scientific and pedagogical internship
«**Finance, banking, insurance and the stock market: European integration dimensions and current challenges**»
180 hours (6 ECTS) from March 3, 2025 to April 13, 2025
at the Netherlands Business Academy (Breda, the Netherlands)

Internship programme:

- Module 1.** New coordinates of global uncertainties and threats to national financial systems (20 hours).
- Module 2.** Public finance management: modern challenges and global imperatives (30 hours).
- Module 3.** Transformational trends in global finance and Ukraine's European integration vector (20 hours).
- Module 4.** The security paradigm of banking and insurance market developments (20 hours).
- Module 5.** Business finance and asymmetries of modern financial technologies (30 hours).
- Module 6.** Financial aspects of investments: European integration dimension (20 hours).
- Module 7.** Accounting, taxation and audit of business entities: international trends and areas for improvement in Ukraine (30 hours).
- Module 8.** Modern research and educational projects, and innovative teaching methods in the context of global and national challenges (10 hours).

The research tasks listed in the internship programme have been completed.

Rector of the Netherlands Business Academy
Prof. Dr. h. c. Jan van Zwieten





Co-funded by
the European Union

Uniwersytet
Bielsko-Bialski



CERTIFICATE OF INTERNSHIP

This is to certify that

LIUBOMYR MATIICHUK

Professor at the Computer Science department of Ternopil Ivan Pulu National Technical University, has successfully completed a Remote Training „Good practices in hands-on learning and knowledge transfer in AI and IoT” within activity A2.6 of Erasmus+ Project 2023-2-PL01-KA220-HED-000179445 The transferable training model – the best choice for training IT business leaders (TransLeader) from 08.01.2025 to 20.02.2025 under guidance of the University of Bielsko-Biala.

During the period of his internship program (180 hours) he gained the following skills:

- ✓ Deep understanding of AI and IoT applications in various sectors
- ✓ Transferable models of knowledge transfer and collaboration between academia and industry
- ✓ Developing strategy to enhance the relevance and quality of education using AI/IoT

and prepared the use-case based project entitled:

Manufacturing: Predictive Maintenance

KIEROWNIK
Projektu TransLeader

Erasmus+

Nr umowy 2023-2-PL01-KA220-HED-000179445

Vasyl Martsenyuk

TransLeader Coordinator (University of Bielsko-Biala)

Reference Number: K18/115/2025

Date: 24.02.2025

prof. dr hab. Vasyl Martsenyuk



Co-funded by
the European Union

U
BB **Uniwersytet**
Bielsko-Bialski



CERTIFICATE OF INTERNSHIP

This is to certify that

BOHDANA MLYNKO

Associate Professor at the Computer Science department of Ternopil Ivan Puluj National Technical University, has successfully completed a Remote Training „Good practices in hands-on learning and knowledge transfer in AI and IoT” within activity A2.6 of Erasmus+ Project 2023-2-PL01-KA220-HED-000179445 The transferable training model - the best choice for training IT business leaders (TransLeader) from 08.01.2025 to 20.02.2025 under guidance of the University of Bielsko-Biala.

During the period of her internship program (180 hours) she gained the following skills:

- ✓ Deep understanding of AI and IoT applications in various sectors
 - ✓ Transferable models of knowledge transfer and collaboration between academia and industry
 - ✓ Developing strategy to enhance the relevance and quality of education using AI/IoT
- and prepared the use-case based project entitled:

Manufacturing: Predictive Maintenance

KIEROWNIK
Projektu TransLeader

Erasmus+
Nr umowy 2023-2-PL01-KA220-HED-000179445

prof. dr hab. *Vasyl Martsenyuk*

Vasyl Martsenyuk
TransLeader Coordinator (University of Bielsko-Biala)

Reference Number: K18/112/2025
Date: 24.02.2025



**HOCHSCHULE
SCHMALKALDEN**
UNIVERSITY OF APPLIED SCIENCES

Hochschule Schmalkalden | Blechhammer | 98574 Schmalkalden

Prof. Dr. Robert Pietzsch

DEKAN

Fakultät Maschinenbau

📍 Blechhammer 4-9

98574 Schmalkalden

☎ +49 (0) 3683 688 - 2000

📠 +49 (0) 3683 688 - 98 2119

✉ r.pietzsch@hs-sm.de

🌐 www.hs-schmalkalden.de

Schmalkalden, 25. April 2025

Subject: Workload for Visiting Academic Lecturer Stay

Mr. Vitalii Mocharskyi was as a guest at our Faculty of Mechanical Engineering from March 31, 2025, to April 30, 2025 as part of an Erasmus+ mobility project.

We confirm that the research work completed corresponds to a workload of 6 ECTS credits (180 hours).

Sincerely,

Prof. Robert Pietzsch, Dean



**HOCHSCHULE
SCHMALKALDEN**
UNIVERSITY OF APPLIED SCIENCES

Fakultät Maschinenbau

Postfach 10 04 52

D-98564 Schmalkalden

UNIVERSITY OF BIELSKO-BIALA
DEPARTMENT OF COMPUTER SCIENCE
AND AUTOMATICS
2 Willowa St, Bielsko-Biala, 43-309 Poland
tel. 33 827 92 64

Prof., Dr. hab. Vasyl Martsenyuk
Head of the Department of Computer
Science and Automatics

CERTIFICATE № K18/51/2025 **ABOUT PROFESSIONAL SKILLS**

Ms. Halyna Nahorniak, Ph. D., Associate professor of the department of Innovation Activity and Services Management Department of the Ternopil Ivan Puluj National Technical University, actually completed advanced training from July 18, 2024 to July 18, 2025 at the Department of of the Department of Computer Science and Automatics of the University in Bielsko-Biala, Poland.

Topic of advanced training: «Development of leadership competencies for undergraduate and graduate students».

Form of advanced training: full-time.

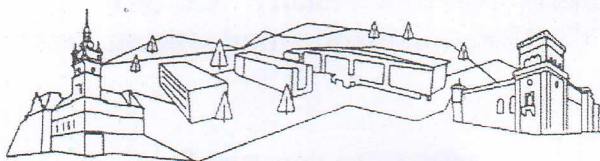
The advanced training program was completed in full.

The duration of the advanced training program was 480 hours (16 ECTS credits).

18.07.2025 p.

Date

Head of the Department of Computer Science and Automatics
of the University of Bielsko-Biala



CHAIRMAN
of Department of Computer Science
and Automatics
Prof. dr hab. Vasyl Martsenyuk



Co-funded by
the European Union

U **Uniwersytet**
BB **Bielsko-Bialski**



CERTIFICATE OF INTERNSHIP

This is to certify that

MYROSLAV NAKONECHYI

Associate Professor at the Department of Electrical Engineering of Ternopil Ivan Puluj National Technical University, has successfully completed a Remote Training „Good practices in hands-on learning and knowledge transfer in AI and IoT” within activity A2.6 of Erasmus+ Project 2023-2-PL01-KA220-HED-000179445 The transferable training model - the best choice for training IT business leaders (TransLeader) from 08.01.2025 to 20.02.2025 under guidance of the University of Bielsko-Biala.

During the period of her internship program (180 hours) he gained the following skills:

- ✓ Deep understanding of AI and IoT applications in various sectors
- ✓ Transferable models of knowledge transfer and collaboration between academia and industry
- ✓ Developing strategy to enhance the relevance and quality of education using AI/IoT

and prepared the use-case based project entitled:

Energy Sector: Smart Grid Management

KIEROWNIK
Projektu TransLeader

Erasmus+

Nr umowy 2023-2-PL01-KA220-HED-000179445

Vasyl Martsenyuk
TransLeader Coordinator (University of Bielsko-Biala)

prof. dr hab. Vasyl Martsenyuk

Reference Number: K18/118/2025

Date: 24.02.2025



Co-funded by
the European Union

UN BB Uniwersytet
Bielsko-Bialski



CERTIFICATE OF INTERNSHIP

This is to certify that

RUSLAN NEBESNYI

Senior Lecturer at the Computer Science department of Ternopil Ivan Puluj National Technical University, has successfully completed a Remote Training „Good practices in hands-on learning and knowledge transfer in AI and IoT” within activity A2.6 of Erasmus+ Project 2023-2-PL01-KA220-HED-000179445 The transferable training model - the best choice for training IT business leaders (TransLeader) from 08.01.2025 to 20.02.2025 under guidance of the University of Bielsko-Biala.

During the period of his internship program (180 hours) he gained the following skills:

- ✓ Deep understanding of AI and IoT applications in various sectors
- ✓ Transferable models of knowledge transfer and collaboration between academia and industry
- ✓ Developing strategy to enhance the relevance and quality of education using AI/IoT

and prepared the use-case based project entitled:

Manufacturing: Predictive Maintenance

Vasyl Martsenyuk

TransLeader Coordinator (University of Bielsko-Biala)

KIEROWNIK
Projektu TransLeader

Erasmus+

Nr umowy 2023-2-PL01-KA220-HED-000179445

Reference Number: K18/117/2025

Date: 24.02.2025

prof. dr hab. Vasyl Martsenyuk



Co-funded by
the European Union

U
B **Uniwersytet**
Bielsko-Bialski



CERTIFICATE OF INTERNSHIP

This is to certify that

VYACHESLAV NYKYTYUK

Associate Professor at the Computer Science department of Ternopil Ivan Puluj National Technical University, has successfully completed a Remote Training „Good practices in hands-on learning and knowledge transfer in AI and IoT” within activity A2.6 of Erasmus+ Project 2023-2-PL01-KA220-HED-000179445 The transferable training model - the best choice for training IT business leaders (TransLeader) from 08.01.2025 to 20.02.2025 under guidance of the University of Bielsko-Biala.

During the period of his internship program (180 hours) he gained the following skills:

- ✓ Deep understanding of AI and IoT applications in various sectors
 - ✓ Transferable models of knowledge transfer and collaboration between academia and industry
 - ✓ Developing strategy to enhance the relevance and quality of education using AI/IoT
- and prepared the use-case based project entitled:

Manufacturing: Predictive Maintenance

KIEROWNIK
Projektu TransLeader

Erasmus+
Nr umowy 2023-2-PL01-KA220-HED-000179445

prof. dr hab. *Vasyli Martsenyuk*

Vasyli Martsenyuk
TransLeader Coordinator (University of Bielsko-Biala)

Reference Number: K18/114/2025
Date: 24.02.2025



Co-funded by
the European Union

UN Bielsko-Bialski
Uniwersytet



CERTIFICATE OF INTERNSHIP

This is to certify that

YURII PALIANYTSIA

Associate Professor at the Department of Radio Engineering Systems of Ternopil Ivan Pulu National Technical University, has successfully completed a Remote Training „Good practices in hands-on learning and knowledge transfer in AI and IoT” within activity A2.6 of Erasmus+ Project 2023-2-PL01-KA220-HED-000179445 The transferable training model - the best choice for training IT business leaders (TransLeader) from 08.01.2025 to 20.02.2025 under guidance of the University of Bielsko-Biala.

During the period of his internship program (180 hours) he gained the following skills:

- ✓ Deep understanding of AI and IoT applications in various sectors
- ✓ Transferable models of knowledge transfer and collaboration between academia and industry
- ✓ Developing strategy to enhance the relevance and quality of education using AI/IoT and prepared the use-case based project entitled:

Smart City: IoT-based 5G telecommunication system

Vasyl Martsenyuk
TransLeader Coordinator (University of Bielsko-Biala)

Stamp: **UNIVERSYTET BIELSKO-BIALSKI**
Project TransLeader
Date: 24.02.2025

Reference Number: K18/104/2024
Date: 24.02.2025



KRAKOW
UNIVERSITY
OF ECONOMICS

CERTIFICATE

NR 5838/MSAP/2025

awarded to

VITALII PYSMENNYI

for participating in the international postgraduate practical internship

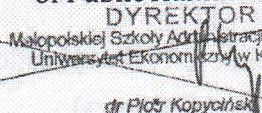
"New and innovative teaching methods"

organized by
Małopolska School of Public Administration
Krakow University of Economics
May 05 - June 13, 2025

Rector of Krakow University
of Economics


Professor Bernard Ziębicki
Prof. Bernard Ziębicki

Director of Małopolska School
of Public Administration
DYREKTOR


Małopolskiej Szkoły Administracji Publicznej
Uniwersytet Ekonomiczny w Krakowie

dr Piotr Kopyciński
Ph.D. Piotr Kopyciński

Krakow, 13 June 2025

Małopolska Szkoła Administracji Publicznej

Uniwersytet Ekonomiczny w Krakowie

Uniwersytet Ekonomiczny w Krakowie
MAŁOPOLSKA SZKOŁA
ADMINISTRACJI PUBLICZNEJ
31-510 Kraków, ul. Rakowicka 27
tel. 12 293 75 60, fax 12 293 75 59



CERTIFICATE

Nº 168 , awarded to

Tetiana Podvirna

In recognition of completing the International scientific and pedagogical internship

«**Finance, banking, insurance and the stock market: European integration dimensions and current challenges**»

180 hours (6 ECTS) from March 3, 2025 to April 13, 2025

at the Netherlands Business Academy (Breda, the Netherlands)

Internship programme:

- Module 1.** New coordinates of global uncertainties and threats to national financial systems (20 hours).
- Module 2.** Public finance management: modern challenges and global imperatives (30 hours).
- Module 3.** Transformational trends in global finance and Ukraine's European integration vector (20 hours).
- Module 4.** The security paradigm of banking and insurance market development (20 hours).
- Module 5.** Business finance and asymmetries of modern financial technologies (30 hours).
- Module 6.** Financial aspects of investments: European integration dimension (20 hours).
- Module 7.** Accounting, taxation and audit of business entities: international trends and areas for improvement in Ukraine (30 hours).
- Module 8.** Modern research and educational projects, and innovative teaching methods in the context of global and national challenges (10 hours).

The research tasks listed in the internship programme have been completed.

Rector of the Netherlands Business Academy
Prof. Dr. h. c. Jan van Zwieten



April 13, 2025

CERTIFICATE

Nº 234 , awarded to

Sergii Radynskyi

In recognition of completing the International scientific and pedagogical internship
«**Finance, banking, insurance and the stock market: European integration dimensions and current challenges**»
180 hours (6 ECTS) from March 3, 2025 to April 13, 2025
at the Netherlands Business Academy (Breda, the Netherlands)

Internship programme:

- Module 1.** New coordinates of global uncertainties and threats to national financial systems (20 hours).
- Module 2.** Public finance management: modern challenges and global imperatives (30 hours).
- Module 3.** Transformational trends in global finance and Ukraine's European integration vector (20 hours).
- Module 4.** The security paradigm of banking and insurance market development (20 hours).
- Module 5.** Business finance and asymmetries of modern financial technologies (30 hours).
- Module 6.** Financial aspects of investments: European integration dimension (20 hours).
- Module 7.** Accounting, taxation and audit of business entities: international trends and areas for improvement in Ukraine (30 hours).
- Module 8.** Modern research and educational projects, and innovative teaching methods in the context of global and national challenges (10 hours).

The research tasks listed in the internship programme have been completed.

Rector of the Netherlands Business Academy
Prof. Dr. h. c. Jan van Zwieten





International Historical Biographical Institute
(Dubai - New York - Rome - Burgas - Jerusalem - Beijing)

INTERNATIONAL CERTIFICATE

№36 003 / September 10, 2025

Issued to **Svitlana Semeniuk**

and certifies receipt of the International Educational Grant №EG/U/25/01/12 from the

International Historical Biographical Institute (Dubai - New York - Rome - Burgas - Jerusalem - Beijing)

within the framework of the International Educational Project "East-West" and active

participation in the 36 International Program of Professional Development of Heads of

Educational and Scientific Institutions, Pedagogical and Scientific-Pedagogical Staff

"Together with Prominent Leaders of Our Time: Values, Experience, Knowledge, Competencies and

Technologies for the Development of a Successful Person and the Transformation of the World Around Us"

in Dubai, Oslo, Stockholm, Rome, Burgas, New York, Jerusalem and Beijing

July 10 - September 10, 2025

in the amount of 180 hours or 6 ECTS credits

(including 15 hours of inclusive education / 0.5 ECTS credits) and confirms the receipt

of the qualifications: "International Head of Category B in the Field of Education and

Science, According to the UNESCO Classification", and "International Teacher / Lecturer"

and acquired general, key and professional competencies, in accordance with the Program, in particular,

general: civic and social competencies related to the ideas of democracy, justice, equality, human rights,

prosperity, environmental literacy and a healthy lifestyle, with an awareness of equal rights and opportunities,

creativity, initiative; critical and systematic thinking, reading comprehension, the ability to express their

opinions orally and in writing, the ability to logically justify the position, the ability to constructively

manage emotions, assess risks, make decisions, solve problems, the ability to cooperate with other people;

professional: speech, social, informational, productive, multicultural, psychological, moral, autonomous,

digital, communication, inclusive, emotional and ethical competence, as well as the development of

personal qualities of the teacher; use of information and communication and digital technologies in the

educational space, including e-learning, information and cyber security; creation of a safe and inclusive

educational environment, features of inclusive education, providing additional support in the educational

process of children with special educational needs; mastering the art of public speaking and foreign

languages, acquaintance with the current state and trends of economic development (for heads of

vocational education (vocational education); development of managerial competence (for heads of

state institutions, regional authorities and local self-government, educational institutions, scientific and

methodological institutions and their deputies); professional competencies in the field of art and sports,

information technologies, agricultural, humanities, natural, social, technical, physical and mathematical

sciences, improving the educational achievements of

students and pupils, through the application of the

participants of the course, the use of various

methods and forms of education.

Director General,

Prof. Mohamed El Baradei

Prof. c.

Prof. c.



International Historical Biographical Institute
(Dubai - New York - Rome - Burgas - Jerusalem - Beijing)

МІЖНАРОДНИЙ СЕРТИФІКАТ

№36 003 / 10 Вересня 2025 року

Виданий **Семенюк Світлані Богданівні**

та засвідчує отримання Міжнародного освітнього гранту №EG/U/25/01/12 від International

Historical Biographical Institute (Dubai - New York - Rome - Burgas - Jerusalem - Beijing)

в рамках Міжнародного освітнього проекту "Схід-Захід" та активну участь у 36 Міжнародній

програмі підвищення кваліфікації керівників закладів освіти і науки, а також педагогічних та

науково-педагогічних працівників "Разом із Визначними Лідерами Сучасності: Цінності, Досвід,

Знання, Компетентності і Технології для Формування Успішної Особистості та

Трансформації Оточуючого Світу" у Дубаї, Римі, Бургасі, Нью-Йорку, Єрусалимі, Пекіні

10 липня - 10 вересня 2025 року

в обсязі 180 годин або 6 кредитів ECTS

(з них 15 годин інклюзивної освіти/0.5 кредиту ECTS)

та присвоєння кваліфікацій: "Міжнародний Керівник Категорії Б у

галузі Освіти та Науки, відповідно до класифікації ЮНЕСКО" та "Міжнародний Вчитель/Викладач"

та отриманні загальні, ключові та професійні компетентності, відповідно до Програми, зокрема,

загальні: громадянські та соціальні компетентності, пов'язані з ідеями демократії, справедливості,

рівності, прав людини, добробуту, екологічної грамотності та здорового способу життя, з усвідомленням

рівних прав і можливостей, творчості, ініціативності, критичного та системного мислення, читання з

розумінням, уміння висловлювати власну думку усно і письмово, здатність логічно обґрунтовувати

позицію, уміння конструктивно керувати емоціями, оцінювати ризики, приймати рішення, розв'язувати

проблеми, здатність співпрацювати з іншими людьми;

професійні: мовленнєва, соціальна, інформаційна, продуктивна, полікультурна, психологічна,

моральна, автономізаційна, цифрова, комунікаційна, інклюзивна, емоційно-етична компетентності, а

також розвиток особистих якостей педагога; використання інформаційно-комунікативних та цифрових

технологій в освітньому просторі, включаючи електронне навчання, інформаційну та кібернетичну

безпеку, створення безпечного та інклюзивного освітнього середовища, особливості інклюзивного

навчання, забезпечення додаткової підтримки в освітньому процесі дітей з особливими освітніми

потребами; опанування мистецтва публічного виступу і іноземними мовами, ознайомлення із сучасним

станом і тенденціями розвитку економіки (для працівників закладів професійної (професійно-технічної

освіти); розвиток управлінської компетентності (для керівників державних установ, регіональних

органів влади і місцевого самоврядування, закладів освіти і науки, науково-методичних установ та

їх заступників); фахові компетентності в галузі мистецтва та спорту, інформаційних технологій, аграрних,

гуманітарних, природничих, суспільних, технічних та фізико-математичних наук; покращення навчальних

досягнень студентів та учнів, завдяки застосуванню

учасниками курсу отриманих знань; використання

різноманітних методів і форм навчання.

Генеральний директор,

Професор Мохамед Ель Барадей

Prof. c.

Prof. c.





Wolsztyn, 30 maja 2025 r.

CERTIFICATE

This is to certify that

Andrii Senyk,

Assoc. Prof., PhD in Technical Sciences

has successfully completed
the academic training on the subject:

Module 1. Organization of the educational process and student training program in Zespół Szkół Zawodowych w Wolsztynie.

Module 2. System engineering for the creation of technical objects of mechanical engineering.

Module 3. Science as the basis of educational process.

Module 4. Industrial engineering.

Training period: 03.03.2025 – 30.05.2025

Total hours: 180 hours

DYREKTOR

Ryszard Rajman

ZESPÓŁ SZKÓŁ ZAWODOWYCH

64-200 Wolsztyn
ul. Kusocińskiego 1
tel./fax 68 384 21 30
Regon 000236240, NIP 923-10-20-846



EAST EUROPEAN ASSOCIATION OF SCIENTISTS (WARSAW, POLAND)

CERTIFICATE

INTERNSHIP №2606-0608-55 CERTIFIES THAT

Stanko Andrii

from 26 June to 6 August 2025 completed a scientific internship

by East European Association of Scientists in the amount of 180 hours (6 ECTS credits)

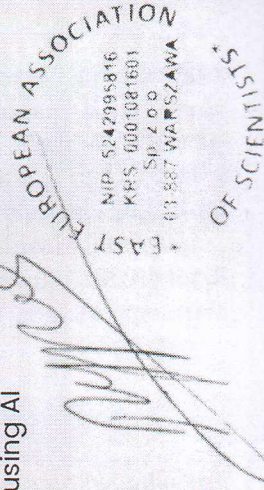
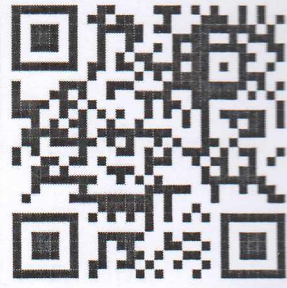
«THE AI REVOLUTION IN RESEARCH AND EDUCATION: MASTERING NEURAL NETWORKS, MACHINE LEARNING, AND ETHICAL INNOVATION»

SCIENTIFIC INTERNSHIP PROGRAMME

- Module 1: Artificial Neural Networks: Theory and Practice
- Module 2: Machine learning in artificial intelligence systems: model creation and practical application
- Module 3: Image generation based on artificial intelligence
- Module 4: Using AI tools in academic writing and the limits of academic integrity
- Module 5: Features of information retrieval and self-education using neural networks
- Module 6: Fundamentals of statistical data processing using AI

MYROSLAV BURYK

PHD (PUBLIC ADMINISTRATION), PRESIDENT SP.Z.O.O
"EAST EUROPEAN ASSOCIATION OF SCIENTISTS"





EAST EUROPEAN ASSOCIATION OF SCIENTISTS (WARSAW, POLAND)

CERTIFICATE

INTERNSHIP №2606-0608-54 CERTIFIES THAT

Stukhliak Danylo

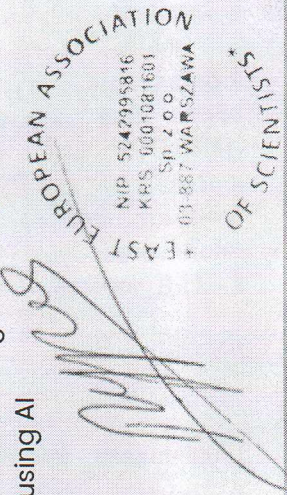
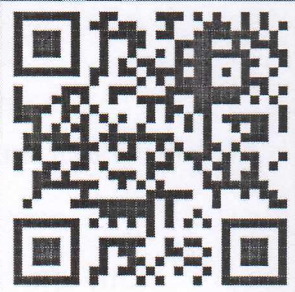
from 26 June to 6 August 2025 completed a scientific internship

by East European Association of Scientists in the amount of 180 hours (6 ECTS credits)

«THE AI REVOLUTION IN RESEARCH AND EDUCATION: MASTERING NEURAL NETWORKS, MACHINE LEARNING, AND ETHICAL INNOVATION»

SCIENTIFIC INTERNSHIP PROGRAMME

- Module 1: Artificial Neural Networks: Theory and Practice
- Module 2: Machine learning in artificial intelligence systems: model creation and practical application
- Module 3: Image generation based on artificial intelligence
- Module 4: Using AI tools in academic writing and the limits of academic integrity
- Module 5: Features of information retrieval and self-education using neural networks
- Module 6: Fundamentals of statistical data processing using AI



MYROSLAV BURYK
PHD (PUBLIC ADMINISTRATION), PRESIDENT SP.Z.O.O.
"EAST EUROPEAN ASSOCIATION OF SCIENTISTS"

CERTIFICATE

Nº 129 , awarded to

Nataliia Tymoshyk

In recognition of completing the International scientific and pedagogical internship

«**Finance, banking, insurance and the stock market: European integration dimensions and current challenges**»

180 hours (6 ECTS) from March 3, 2025 to April 13, 2025

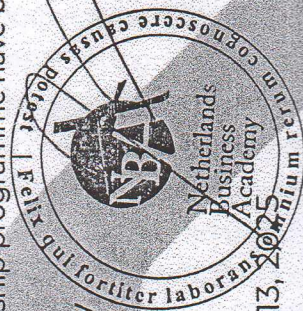
at the Netherlands Business Academy (Breda, the Netherlands)

Internship programme:

- Module 1.** New coordinates of global uncertainties and threats to national financial systems (20 hours).
- Module 2.** Public finance management: modern challenges and global imperatives (30 hours).
- Module 3.** Transformational trends in global finance and Ukraine's European integration vector (20 hours).
- Module 4.** The security paradigm of banking and insurance market developments (20 hours).
- Module 5.** Business finance and asymmetries of modern financial technologies (30 hours).
- Module 6.** Financial aspects of investments: European integration dimension (20 hours).
- Module 7.** Accounting, taxation and audit of business entities: international trends and areas for improvement in Ukraine (30 hours).
- Module 8.** Modern research and educational projects, and innovative teaching methods in the context of global and national challenges (10 hours).

The research tasks listed in the internship programme have been completed.

Rector of the Netherlands Business Academy
Prof. Dr. h. c. Jan van Zwieten



April 13, 2025



Co-funded by
the European Union

UN BB Uniwersytet
Bielsko-Bialski



CERTIFICATE OF INTERNSHIP

This is to certify that

DMYTRO TYMOSHCHUK

Senior Lecturer at the Department of Cybersecurity of Ternopil Ivan Puluj National Technical University, has successfully completed a Remote Training „Good practices in hands-on learning and knowledge transfer in AI and IoT” within activity A2.6 of Erasmus+ Project 2023-2-PL01-KA220-HED-000179445 The transferable training model - the best choice for training IT business leaders (TransLeader) from 08.01.2025 to 20.02.2025 under guidance of the University of Bielsko-Biala.

During the period of his internship program (180 hours) he gained the following skills:

- ✓ Deep understanding of AI and IoT applications in various sectors
 - ✓ Transferable models of knowledge transfer and collaboration between academia and industry
 - ✓ Developing strategy to enhance the relevance and quality of education using AI/IoT
- and prepared the use-case based project entitled:

Environmental Monitoring: Soil and Water Quality Management in Condition of Sustainable Development

Vasyl Martsenyuk
TransLeader Coordinator (University of Bielsko-Biala)

Erasmus+
Projektu TransLeader

Nr umowy 2023-2-PL01-KA220-HED-000179445

Reference Number: K18/89/2025
Date: 24.02.2025

prof. dr hab. Vasyl Martsenyuk



Co-funded by
the European Union

UNI **Uniuersytet**
BB Bielsko-Bialski



CERTIFICATE OF INTERNSHIP

This is to certify that

YAROSLAV FILIUK

Associate Professor at the Department of Electrical Engineering of Ternopil Ivan Puluj National Technical University, has successfully completed a Remote Training „Good practices in hands-on learning and knowledge transfer in AI and IoT” within activity A2.6 of Erasmus+ Project 2023-2-PL01-KA220-HED-000179445 The transferable training model - the best choice for training IT business leaders (TransLeader) from 08.01.2025 to 20.02.2025 under guidance of the University of Bielsko-Biala.

During the period of her internship program (180 hours) he gained the following skills:

- ✓ Deep understanding of AI and IoT applications in various sectors
- ✓ Transferable models of knowledge transfer and collaboration between academia and industry
- ✓ Developing strategy to enhance the relevance and quality of education using AI/IoT

and prepared the use-case based project entitled:

Energy Sector: Smart Grid Management

KIEROWNIK
Projektu TransLeader

Erasmus+

Nr umowy 2023-2-PL01-KA220-HED-000179445

Vasyl Martsenyuk

TransLeader Coordinator (University of Bielsko-Biala)

prof. dr hab. Vasyl Martsenyuk

Reference Number: K18/119/2025

Date: 24.02.2025



Co-funded by
the European Union

UN BB Uniwersytet
Bielsko-Bialski



CERTIFICATE OF INTERNSHIP

This is to certify that

MYKHAILO FRYZ

Associate Professor at the Computer Science department of Ternopil Ivan Puluj National Technical University, has successfully completed a Remote Training „Good practices in hands-on learning and knowledge transfer in AI and IoT” within activity A2.6 of Erasmus+ Project 2023-2-PL01-KA220-HED-000179445 The transferable training model - the best choice for training IT business leaders (TransLeader) from 08.01.2025 to 20.02.2025 under guidance of the University of Bielsko-Biala.

During the period of his internship program (180 hours) he gained the following skills:

- ✓ Deep understanding of AI and IoT applications in various sectors
 - ✓ Transferable models of knowledge transfer and collaboration between academia and industry
 - ✓ Developing strategy to enhance the relevance and quality of education using AI/IoT
- and prepared the use-case based project entitled:

Manufacturing: Predictive Maintenance

Projektu TransLeader

Erasmus

Nr umowy 2023-2-PL01-KA220-HED-000179445

Vasyl Martsenyuk

TransLeader Coordinator (University of Bielsko-Biala)

Reference Number: K18/111/2025

Date: 24.02.2025

dr. dr hab. Vasyl Martsenyuk



Co-funded by
the European Union

Uniwersytet
Bielsko-Bialski



TransLeader

CERTIFICATE OF INTERNSHIP

This is to certify that

KHVOSTIVSKA LILIIA

Associate Professor at the Department of Radio Engineering Systems of Ternopil Ivan Puluj National Technical University, has successfully completed a Remote Training „Good practices in hands-on learning and knowledge transfer in AI and IoT” within activity A2.6 of Erasmus+ Project 2023-2-PL01-KA220-HED-000179445 The transferable training model - the best choice for training IT business leaders (TransLeader) from 08.01.2025 to 20.02.2025 under guidance of the University of Bielsko-Biala.

During the period of her internship program (180 hours) she gained the following skills:

- ✓ Deep understanding of AI and IoT applications in various sectors
- ✓ Transferable models of knowledge transfer and collaboration between academia and industry
- ✓ Developing strategy to enhance the relevance and quality of education using AI/IoT and prepared the use-case based project entitled:

Smart City: IoT-based 5G telecommunication system

Vasyl Martsenyuk

TransLeader Coordinator (University of Bielsko-Biala)

Reference Number: K18/102/2024

Date: 24.02.2025



Co-funded by
the European Union

U
BB **Uniwersytet**
Bielsko-Bialski



CERTIFICATE OF INTERNSHIP

This is to certify that

MYKOLA KHVOSTIVSKYI

Associate Professor at the Department of Biotechnical Systems of Ternopil Ivan Puluj National Technical University, has successfully completed a Remote Training „Good practices in hands-on learning and knowledge transfer in AI and IoT” within activity A2.6 of Erasmus+ Project 2023-2-PL01-KA220-HED-000179445 The transferable training model - the best choice for training IT business leaders (TransLeader) from 08.01.2025 to 20.02.2025 under guidance of the University of Bielsko-Biala.

During the period of his internship program (180 hours) he gained the following skills:

- ✓ Deep understanding of AI and IoT applications in various sectors
 - ✓ Transferable models of knowledge transfer and collaboration between academia and industry
 - ✓ Developing strategy to enhance the relevance and quality of education using AI/IoT
- and prepared the use-case based project entitled:

Smart City: IoT-based 5G telecommunication system

Vasyl Martsenyuk
TransLeader Coordinator (University of Bielsko-Biala)

KIEROWNIK
Projektu TransLeader

Erasmus+
Nr umowy 2023-2-PL01-KA220-HED-000179445
[Signature]
prof. dr hab. Vasyl Martsenyuk

Reference Number: K18/103/2024
Date: 24.02.2025



EAST EUROPEAN ASSOCIATION OF SCIENTISTS (WARSAW, POLAND)

CERTIFICATE

INTERNSHIP №2606-0608-34 CERTIFIES THAT

Chykhira Ihor

from 26 June to 6 August 2025 completed a scientific internship

by East European Association of Scientists in the amount of 180 hours (6 ECTS credits)

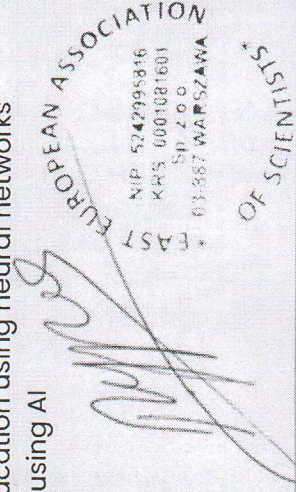
«THE AI REVOLUTION IN RESEARCH AND EDUCATION: MASTERING NEURAL NETWORKS, MACHINE LEARNING, AND ETHICAL INNOVATION»

SCIENTIFIC INTERNSHIP PROGRAMME

- Module 1: Artificial Neural Networks: Theory and Practice
- Module 2: Machine learning in artificial intelligence systems: model creation and practical application
- Module 3: Image generation based on artificial intelligence
- Module 4: Using AI tools in academic writing and the limits of academic integrity
- Module 5: Features of information retrieval and self-education using neural networks
- Module 6: Fundamentals of statistical data processing using AI

MYROSLAV BURYK

PHD (PUBLIC ADMINISTRATION), PRESIDENT SP.Z.O.O.
"EAST EUROPEAN ASSOCIATION OF SCIENTISTS"





Co-funded by
the European Union



Uniwersytet
Bielsko-Bialski



TransLeader

CERTIFICATE OF INTERNSHIP

This is to certify that

GRIGORII SHYMCHUK

Senior Lecturer at the Computer Science department of Ternopil Ivan Puluji National Technical University, has successfully completed a Remote Training „Good practices in hands-on learning and knowledge transfer in AI and IoT” within activity A2.6 of Erasmus+ Project 2023-2-PL01-KA220-HED-000179445 The transferable training model - the best choice for training IT business leaders (TransLeader) from 08.01.2025 to 20.02.2025 under guidance of the **University of Bielsko-Biala**.

During the period of his internship program (180 hours) he gained the following skills:

- ✓ Deep understanding of AI and IoT applications in various sectors
- ✓ Transferable models of knowledge transfer and collaboration between academia and industry
- ✓ Developing strategy to enhance the relevance and quality of education using AI/IoT and prepared the use-case based project entitled:

Manufacturing: Predictive Maintenance

Vasyl Martsenyuk
TransLeader Coordinator (University of Bielsko-Biala)

Projektu TransLeader

Erasmus+

Nr umowy 2023-2-PL01-KA220-HED-000179445

prof. dr hab. Vasil Martsenyuk

Reference Number: K18/113/2025

Date: 24.02.2025



МІНІСТЕРСТВО ОСВІТИ І НАУКИ УКРАЇНИ
ТЕРНОПІЛЬСЬКИЙ НАЦІОНАЛЬНИЙ ТЕХНІЧНИЙ УНІВЕРСИТЕТ
імені ІВАНА ПУЛЮЯ

НАКАЗ

м. Тернопіль

№ 4/8-40

19. 11. 2015

Про відрядження

З метою реалізації проекту міжнародної технічної допомоги з академічної мобільності персоналу КА 171 в рамках програми ЕРАЗМУС+,-

НАКАЗУЮ:

1. Відрядити Яснія Володимира Петровича – завідувача кафедри будівельної механіки (без збереження заробітної плати) та Мочарського Віталія Сергійовича – старшого викладача кафедри фізики (зі збереженням заробітної плати), в Університет прикладних наук Шмалькальдена (Німеччина) з метою академічної мобільності персоналу КА 171 в рамках програми ЕРАЗМУС+ та для участі в комбінованій мобільності персоналу (викладання і навчання) з 30 листопада по 07 грудня 2025 року

2. Витрати на відрядження здійснюються за рахунок коштів програми Європейського союзу Еразмус +.

Підстава: листи-запрошення, службові записки декана ФМТ Романа ЛЕЩУКА та завідувача кафедри фізики Оксани СІТКАР.

Ректор

Микола МИТНИК

Проект вносить:

Начальника відділу

кадрів Ольга ЦІЦЮРА

Погоджено:

Перший проректор

Олег ЛЯШУК

Проректор з МС

Олена СОРОКІВСЬКА

Головний бухгалтер

Галина МАРЦЕНКО

Керівник НВ

Ігор ТКАЧЕНКО

Т.в.о. начальника

ОЮВ

Наталя ЯМПОЛЬСЬКА



МІНІСТЕРСТВО ОСВІТИ І НАУКИ УКРАЇНИ
ТЕРНОПІЛЬСЬКИЙ НАЦІОНАЛЬНИЙ ТЕХНІЧНИЙ УНІВЕРСИТЕТ
імені ІВАНА ПУЛЮЯ

НАКАЗ

м. Тернопіль

№ 4/8-38

13.11.2025

Про відрядження

З метою налагодження міжнародного співробітництва,-

НАКАЗУЮ:

1. Відрядити Яснія Олега Петровича – професора кафедри систем штучного інтелекту та аналізу даних у м. Версаль (Франція) в Центр матеріалів MINES PARIS для виконання дослідницького проекту в рамках програми «Надія» Посольства Франції в Києві та CDEFI у термін з 14 листопада по 16 грудня 2025 року без збереженням середнього заробітку.

2. Витрати на відрядження Яснія О.П. здійснює приймаюча сторона.

Підстава: лист-запрошення, службова записка завідувача кафедри СА Василя ЯЦИШИНА.

Ректор

Микола МИТНИК

Проект вносить:

Начальника відділу

кадрів Ольга ЦІЦЮРА

Погоджено:

Проректор з НПР

Степан ДЯЧУК

Головний бухгалтер

Галина МАРЦЕНКО

Керівник НВ

Ігор ТКАЧЕНКО

Т.в.о. начальника

ОЮВ

Наталя ЯМПОЛЬСЬКА