

EDUCATION AND TRAINING

09/2020 – CURRENT Cluj-Napoca, Romania  
**DOCTORATE OF PHILOSOPHY (PHD) IN COMPUTER SCIENCE** Babeş-Bolyai University, Faculty of Mathematics and Computer Science


10/2018 – 07/2020 Cluj-Napoca, Romania  
**MASTER'S DEGREE IN SOFTWARE ENGINEERING** Babeş-Bolyai University, Faculty of Mathematics and Computer Science

09/2015 – 07/2018 Cluj-Napoca, Romania  
**BACHELOR'S DEGREE IN COMPUTER SCIENCE** Babeş-Bolyai University, Faculty of Mathematics and Computer Science

WORK EXPERIENCE

 **MICROSOFT** – WASHINGTON D.C., UNITED STATES  
**SENIOR TECHNICAL PROGRAM MANAGER** – 17/03/2025 – CURRENT

I lead AI-driven solutions to enhance Microsoft’s datacenter operations worldwide and scale intelligent infrastructure.

 **THE WORLD BANK GROUP** – WASHINGTON D.C., UNITED STATES  
**AI TECHNICAL LEAD** – 02/08/2021 – 16/03/2025


I partnered with governments and agencies in numerous countries to deliver impactful AI-driven solutions that address critical development challenges and inform decision-making on a global scale.

 **BABEŞ-BOLYAI UNIVERSITY** – CLUJ-NAPOCA, ROMANIA  
**ASSOCIATE TEACHING ASSISTANT** – 28/09/2020 – 01/03/2023


I taught seminars & laboratories in Fundamentals of Programming, Advanced Programming Methods, and Artificial Intelligence.

 **MICROSOFT** – PRAGUE, CZECHIA  
**SOFTWARE ENGINEER** – 15/02/2020 – 01/08/2021

I developed new features and improved product usability across key enterprise scenarios in Dynamics 365, including early AI-driven text and image generation capabilities leveraging ChatGPT 3.0, before ChatGPT 3.5 public release.

 **BABEŞ-BOLYAI UNIVERSITY, FACULTY OF MATHEMATICS AND COMPUTER SCIENCE**  
**RESEARCH ASSISTANT** – 02/12/2019 – 14/02/2020

I researched and developed a virtual assistant solution for higher-education, enabling hands-free content access, especially useful for visually impaired students, as part of Software Engineering Research Group.

 **THE WORLD BANK GROUP** – WASHINGTON D.C. , UNITED STATES AND REMOTE  
**ENGINEERING CONSULTANT** – 18/07/2018 – 10/11/2019

I led the development of two enterprise applications for the Pension Administration team, modernizing services for all employees and retirees at the World Bank.

 **MHP - A PORSCHE COMPANY** – CLUJ-NAPOCA, ROMANIA  
**SOFTWARE ENGINEER** – 17/07/2017 – 01/07/2019

I contributed to the development of two core software platforms at Porsche—one supporting global dealership operations and the other optimizing vehicle option strategy planning across markets.

LANGUAGE SKILLS

Mother tongue(s): **ROMANIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user

PUBLICATIONS

2025  
Virtual Assistants: A Review of the Next Frontier in AI Interaction

Authors: Ioana Todericiu | Journal Name: Acta Universitatis Sapientiae, Informatica | Publisher: Springer

2025  
Alexa and Copilot: A Tale of Two Assistants

Authors: Ioana Todericiu, Laura Dioşan and Camelia Şerban | Journal Name: 17th International Conference on Agents and Artificial Intelligence | Volume, Issue and Pages: Volume 1, Pages 445 - 452 | Publisher: Science and Technology Publications (SciTePress)

2024  
Quiz-Ifying Education: Exploring the Power of Virtual Assistants

Authors: Ioana Todericiu, Mihai Pop, Camelia Şerban and Laura Dioşan | Journal Name: 16th International Conference on Computer Supported Education | Volume, Issue and Pages: Volume 2, Pages 589 - 596 | Publisher: Science and Technology Publications (SciTePress)

2022  
Retaining women in computer science: the good, the bad and the ugly sides

Authors: Simona Motogna, Lenuţa Alboaie, Ioana Alexandra Todericiu and Catrinel Zaharia | Journal Name: 3rd Workshop on Gender Equality, Diversity, and Inclusion in Software Engineering | Volume, Issue and Pages: Pages 35 - 42 | Publisher: Institute of Electrical and Electronics Engineers (IEEE)

2021  
Students perception on the impact of their involvement in the learning process: an empirical study

Authors: Ioana Todericiu, Camelia Şerban and Andreea Vescan | Journal Name: 3rd International Workshop on Education through Advanced Software Engineering and AI | Volume, Issue and Pages: Pages 39 - 46 | Publisher: Association for Computing Machinery (ACM)

2021  
Towards Accessibility in Education through Smart Speakers. An ontology based approach.

Authors: Ioana Todericiu, Camelia Şerban and Laura Dioşan | Journal Name: Procedia Computer Science | Volume, Issue and Pages: Volume 192, Pages 883 - 892 | Publisher: Elsevier

2020  
Alexa, What classes do I have today? The use of Artificial Intelligence via Smart Speakers in Education

Authors: Ioana Todericiu and Camelia Şerban | Journal Name: Procedia Computer Science | Volume, Issue and Pages: Volume 176, Pages 2849 - 2857 | Publisher: Elsevier