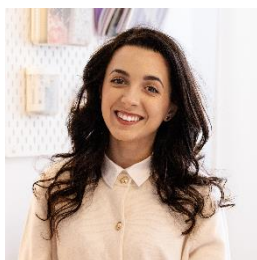


PERSONAL INFORMATION

Vântu Andreea Elena



 Mihai Eminescu, nr. 36, Braşov, România

 0751212611

 andreea.vantu@unitbv.ro

Gender Female | Birth Date 31.01.1996 | Nationality Romanian

WORK EXPERIENCE

2024 – Present

Academic Support Staff
Transilvania University of Braşov
Automation and Information Technology Department
- Conducted Data Science and Parallel Programming laboratory sessions.

2018-Present

SAP Software Developer
Siemens SRL, Brasov (Romania)
- Creating new software features, maintaining functionalities, managing communication with external services;
- Strong knowledge in WebDynpro technology;
- Strong ABAP skills;
- Building OData services and managing the UI5 framework.

2022

Trainer at Logischool Romania
- Teaching children about software and building games with an appropriate programming language.

2017-2018

Internship
Siemens SRL, Brasov (Romania)
- Gaining knowledge and building software using SAP enterprise technologies.

EDUCATION AND TRAINING

2022 – Present

PhD in Deep Learning
Transilvania University of Braşov
Automation and Information Technology Department
- Research focused on uncertainty quantification methods applied to medical images.

2018- 2020

M.Sc in Internet Technologies(EN)
Transilvania University of Brasov
Faculty of Mathematics and Computer Science
- Master's thesis: Emergency code assignment for patients using Machine Learning.

2015-2018

B.Sc in Computer Science
Transilvania University of Brasov
Faculty of Mathematics and Computer Science
- Bachelor's thesis: Digital patient file and patient emergency code assignment using SAP technologies.

Honourable Mention for Smart UPU project
Session of Student Scientific Communications
May 2018

2011-2015

Romanian Bacalaureate

„Gheorghe Vrănceanu” National College, Bacău
Studying Mathematics and Informatics intensive English

Certificate of professional competence
Certificate of digital competences (ECDL) - experienced
Certificate of language competence, English

PERSONAL SKILLS

Mother tongue(s) Romanian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Oral speech	
English	C1	C1	B2	B2	C1
German	A1	A2	A1	A2	A2
Levels: A1/2: Basic user- B1/2: Independent user - C1/2: Experienced user Common European Framework of Reference for Languages					

Social skills and competences

I have strong social skills developed by working in various environments such as corporate workplace, Logischool and academia. Moreover, by taking part in conferences, I realized that I enjoy public speaking. I also had the opportunity to attend several workshops about communication and other soft skills that are necessary for being an effective team player.

Organisational/managerial skills

Attended time management workshops at Siemens. I build my organisational skills by being involved in several projects. I took part in the organisation process of the SAP internship 2025 at Siemens by developing the curriculum of it and being a mentor. I also believe coordinating fundraising activities annually during the Christmas period helped me to develop strong management skills.

Digital skills

European ECDL Certificate
Programming skills: SAP ABAP, SAP WebDynpro, SAP UI5, SAP Gateway, JavaScript, Python, SQL, RESTful WebServices.

Driving licence

B Category

ADDITIONAL INFORMATION

Presentations/ Conferences

ACM womENCourage 2025
Poster Title: *Uncertainty quantification using an energy-based method applied to kidney ct images*

Virtual Physiological Human 2024
Title: *Energy - based method for identifying misclassified kidney boundary segmentations using ct scans*

International Conference on Modelling and Development of Intelligent Systems 2022
Title: *ML-Based Solution for Emergency Room Triage*

Presentation of my bachelor thesis at acmwomENCourage 2020
Title: *E-UPU. Using Technology to improve the emergency room triage.*

ACM womENCourage 2019
Presentation of my bachelor thesis at SCSS 2018, Brasov.

Trainings

SAP HANA, SAP UI5 UX402, SAP Fiori UX410.

Contests

My 3-min PhD Thesis 2025

Title: *Uncertainty quantification methods in deep learning based classification and regression – application to medical data and images.*

2nd Prize

Publications

Vântu, A., Vasilescu, A., Băicoianu, A. Medical emergency department triage data processing using a machine-learning solution. *Heliyon*, Vol. 9, Issue 8, 2023, e18402. ISSN 2405-8440. DOI: 10.1016/j.heliyon.2023.e18402.