

PERSONAL TEREI CARMEN

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Phone number: +40 741 765 965

Nationality: Romanian

WORK EXPERIENCE

- 02.2026 – present **Assistant professor**
"Aurel Vlaicu" University, Faculty of Exact Sciences, Department of Mathematics-Informatics,
Str. Elena Drăgoi, no. 2, Arad, România
- 10.2024 – 01.2026 **Assistant professor (adjunct)**
"Aurel Vlaicu" University, Faculty of Exact Sciences, Department of Mathematics-Informatics,
Str. Elena Drăgoi, no. 2, Arad, România
- 07.2019 – 07.2024 **Embedded C/C++ developer/SW tester/Requirements engineer for Automotive**
Arobs Transilvania Software SA, <https://arobs.com/>
Main activities:
- Software development and maintenance (embedded C/C++) for several car manufacturers (Audi, BMW, Mercedes, Bentley)
- Unit testing (Google test)
- Development and maintenance of project specific documentation(ORMs, test reports, traceability reports)
- Requirements engineering (mainly SW): analysis, implementation in DOORS, reviews, clarifications, traceability analysis
- Provided help on Software Detailed Design for some modules
- Responsible for ASPICE assessment for SW Requirements Analysis (SWE.1)
- Preparation of MLC for System Analysis of KGAS items regarding requirements
- Functional safety (ISO 26262)
Working with: Visual Studio (C/C++), GoogleTest, Testwell CTC++, DOORS, Sourcetree, Tracelt, MKS Integrity, Jira, Confluence, Squire, Jazz
- 10.2016 – 07.2018 **Life insurance consultant**
NN Asigurări de Viață, Blvd. Revoluției, no. 56, Arad, România
- 03.2008 – 09.2016 **Assistant professor**
"Aurel Vlaicu" University, Faculty of Exact Sciences, Department of Mathematics-Informatics,
Str. Elena Drăgoi, no. 2, Arad, România
Main activities: Teaching informatics courses to students (introduction to programming, algorithms, data structures, object oriented programming – C/C#/Java), continuous planning of the activities, evaluation, tutoring.
Research – author and co-author of several C/C#/Java books and articles on C language, C#, cloud technology.
- 06.2010 – present **Freelancing**
Several projects (in the medical and financial fields) using mainly Java, MySQL, reporting tools.

10.2004 – 03.2008 **Teaching assistant**
 "Aurel Vlaicu" University, Faculty of Exact Sciences, Department of Mathematics-Informatics,
 Str. Elena Drăgoi, no. 2, Arad, România
 Main activities: Teaching informatics courses to students, research.

EDUCATION

10.2025 – present **Phd student**
 West University, Faculty of Informatics,
 Str. Vasile Pârvan, no.4, Timișoara, România

10.2004 – 03.2006 **Master Degree in Informatics**
 "Aurel Vlaicu" University, Faculty of Economics,
 Str. Elena Drăgoi, no. 2, Arad, România

10.2000 – 06.2004 **Bachelor Degree in Informatics**
 West University, Faculty of Mathematics and Informatics,
 Str. Vasile Pârvan, no.4, Timișoara, România

09.1996 – 06.2000 **Baccalaureate**
 "Moise Nicoară" High school, Arad, România

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	B2	C1
French	B1	B1	B1	A2	B1
Other languages: Spanish (A2), Italian (A2)					

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
 Common European Framework of Reference for Languages

Communication skills - good communication skills gained through my experience as assistant professor and working in automotive projects

Organisational skills - leadership

- Job-related skills**
- good planning skills acquired with the teaching experience and the automotive projects
 - time management to meet deadlines and prioritize tasks
 - results oriented
 - positive
 - team oriented
 - creative
 - resilient
 - meticulous
- Computer skills**
- Microsoft Office™ tools
 - advanced Windows and beginner Linux user
 - Java, C# programming languages
 - databases (MySQL)
 - Python
 - web pages (HTML, CSS, JavaScript, React, Canva)
 - editing software: Latex
 - mathematical software (MathCad)
 - Embedded C/C++
 - Visual Studio
 - Unit Testing (Google test)
 - Testwell CTC++
 - Atlassian Jira
 - Confluence
 - IBM Rational DOORS
 - Git (Sourcetree)
 - Integrity MKS
 - Tracelt
 - Squore
 - Docker/Kubernetes/OpenLens
 - Data analysis (Power BI)
 - JasperSoft, iReport
 - Virtual environments (Oracle VM, VMWare, Citrix)
 - Neural networks
- Certifications**
- Trainer certificate (Formator, COR 242401): plan, develop, implement and evaluate training and development programs to ensure that both the management team and staff acquire the skills and develop the competencies required by the organization to achieve organizational objectives.
 - E-learning developer in Moodle platform (COR 235905)
 - Didactician in informatics (POSDRU 87/1.3/S/63709)