



Curriculum vitae Europass

Personal Information

Full Name **PETCUȚ Flavius-Maxim**
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Nationality Romanian
Date of Birth 04.02.1983
Gender Masculin

Work Experience

Period March 2025 – Present
Trainer Trainer for the course “Digital Competences for Using Information Technology as a Learning and Knowledge Tool”, within a project of “Aurel Vlaicu” University of Arad, implemented by UNIC SPORTS SRL.

Period Februarie 2022 – prezent
Main activities and responsibilities: Lecturer (Assistant Professor equivalent)
“Aurel Vlaicu” University of Arad,
Faculty of Engineering

Courses taught: Control Systems for Continuous Processes
Databases
Computer-Aided Programming (PROTEUS)
Intelligent Circuits Design
Building Automation
Instrumentation and Data Acquisition Projects
Embedded Systems

Laboratory teaching: Control Systems for Continuous Processes
Databases
Computer-Aided Programming (PROTEUS)
Analysis and Synthesis of Digital Devices
Computer Architecture
Linear Electronic Circuits
Power Electronics
Intelligent Circuits Design
Building Automation
Embedded Systems

Period 2013 – 2022
Associate Teaching Assistant “Politehnica” University of Timișoara
Faculty of Automation and Computers

Laboratory teaching: Microprocessor and Microcontroller-Based Systems
Fundamentals of Automation
Interface and Measurement Structures in Automated Systems
Syncretic Project (home automation systems, secure communication)

Education and Training

2024	Trainer Certification (COR Code 242401)
2008-2012	PhD in Engineering Sciences Politehnica University of Timișoara Systems Engineering
2006-2008	Master Politehnica University of Timișoara Faculty of Automation and Computers System Engeneering
2001-2006	Bachelor's Degree Politehnica University of Timișoara Faculty of Automation and Computers Systems Engineering
1997-2001	High School Diploma "Moise Nicoară" National College, Arad Profilul Real bilingv – franceză Profile: Science – Bilingual French

Personal Skills

Foreign Languages

Language	Listening	Reading	Spoken Interaction	Spoken Production	Writing
English	B1	C1	B2	B2	C1
French	B2	B2	B1	B1	B1

Social Skills

- Teamwork
- Adaptability to multicultural environments
- Strong communication skills

Organizational Skills

- Leadership
- Organizational abilities
- Project and team management experience

Technical / Computer Skills

Data acquisition systems and processing using MATLAB and LabVIEW
Experience with Windows and Microsoft Office
Programming: C/C++, Python, Java, PHP
Databases: MS Access, MySQL, Oracle

Publications

<https://scholar.google.com/citations?user=iwLYv6AAAAAJ&hl=ro>

Memberships

Member of SRAIT
Member of AGIR
Member of IEEE

Driving License

Category B

Selected Publications and
Conferences

Author of 1 single-author book

Author of 5 book chapters

12 ISI-indexed papers

16 IEEE conference papers

Conference presentations delivered in 9 countries

Member of the scientific committees of conferences in 5 countries