

PERSONAL INFORMATION

Radu ETZ

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Sex Male | Date of birth 04/03/1985 | Naționalitate Romanian

PROFESSIONAL EXPERIENCE

Since 2017
2012 – 2017

Lecturer in the Applied Electronics Department
Assistant in the Applied Electronics Department

Employer: Technical University of Cluj-Napoca Cluj-Napoca, 28 Memorandumului Street, Cluj-Napoca

Main activities and responsibilities: Teaching and research activities in the field of Electronics Engineering

▪ Course responsible:

Elements of command and control (Ro), Study program Applied Electronics Year: III

Entrepreneurship and digital innovations for the business environment, Study program: technologies, Systems and Applications for e-activities, Master year II.

▪ Other subjects:

- ✓ Microcontrollers – year III Study program Applied Electronics – applications
- ✓ Power supplies – year IV Study program Applied Electronics – applications

EDUCATION

2013

Ph.D.
Field: Electronics and Telecommunications Engineering
Technical University of Cluj-Napoca

2009

Electronics Engineer degree
Study program Electronics
Technical University of Cluj-Napoca

PERSONAL ABILITIES

Native language Romanian

Other known foreign languages

	COMPREHENSION		SPEAKING		WRITING
	Listening	Reading	Conversation	Oral speech	
English	A2	B2	B1	B2	B2

Levels: A1/A2: Elementary user - B1/B2: Independent user - C1/C2: Experienced user
[European Language Levels](#)

Communication abilities

- Communication skills,
- creativity,
- teamwork,
- ability to work with students regardless of their social/cultural background

Abilities acquired at the work place

- electronic circuits analysis and design.
- Microcontroller programming.

Digital abilities

- Advanced use of computers;
- Advanced user of the Internet, Email, Microsoft Office software, simulation software, etc..
- Editing software use (Microsoft Office), simulation and microcontroller programming software use for the field of Electronics Engineering (Psim, Proteus, Pspice, Mplab, Code Composer, Keil, ICCAVR, LabView, MatLab, LtSpice), computer assisted design software use (Psim, Proteus, Orcad, LabView). Microcontroller (8051, AVR, Microchip și Texas Instruments) and Xilinx FPGAs programming abilities. Programming languages: C/C++, Visual C/C++, assembly, VHDL/Verilog.

Other information

- Coauthor of 2 books;
- 2 national patents;
- over 50 published papers (7 of which in ISI WOS journals, 32 ISI WOS and 12 BDI);
- over 40 citations in ISI papers;
- over 30 citations in BDI papers;
- participation in 11 research projects (10 national projects – member), participation as a member in 1 international project;
- 6 international awards (4 diplomas of excellence and 1 gold medal at inventing salons)
- 6 national awards (for research results);
- Reviewer at international WOS journals and conferences: