

PERSONAL INFORMATION

ZAHARIA Corneliu



 Brasov, Romania



 corneliuzaharia@unitbv.ro



Gender Male | Date of birth  | Nationality Romanian

TEACHING EXPERIENCE

2023 - Present

Lecturer

Transilvania University of Braşov, Romania – Faculty of Electrical Engineering and Computer Science, Department of Electronics and Computers

- Network on Chip
- Mobile Operating Systems
- Digital Electronics

Business or sector: Education

2000 - 2023

External Teacher

Transilvania University of Braşov, Romania – Faculty of Electrical Engineering and Computer Science, Department of Electronics and Computers

- Network on Chip
- Mobile Operating Systems
- Data communication
- Computer Architecture
- Hardware Description Languages
- Digital Electronics

Business or sector: Education

WORK EXPERIENCE

2022 - Present

Director, Semiconductor Design Center Romania

Capgemini Engineering – Brasov, 5 Turnului Street

- Very Large Scale Integrated Circuits
- Business or sector:** Research and Development

2007- 2022

VP Engineering, GM Brasov

Fotation SRL – an XPERI Company, Brasov, 5 Turnului Street

- VLSI team Management
 - Image Processing Algorithms development
 - Computer Vision Hardware Accelerators
- Business or sector:** Research and Development

2003 - 2007

General Manager

Pitagorasic, Brasov, 57 Carpaţilor Street

- Hardware IP development for video and digital communication
- Project and administrative management

Business or sector: Management

- 1999 - 2002 **RTL Design Engineer**
eASIC, Brasov, 28 Transilvaniei Street
 - RTL Design for Structured ASIC control modules
 - EDA Software development
 Business or sector: Research and Development

- 1996 - 2000 **Officer**
Defense Ministry
 - Radiolocation automation systems management
 Business or sector: Engineering

EDUCATION AND TRAINING

- 2015 - 2022 **PhD**
Transilvania University of Braşov, Romania
Field of study: Electronics, Telecommunication and Information Technology Engineering

- 2000 - 2002 **MSc**
Transilvania University of Braşov, Romania
Field of study: Electronic Design Automation

- 1996 - 2000 **Dipl. Eng**
Transilvania University of Braşov, Romania
Field of study: Applied Electronics

- 1992 - 1996 **Dipl. Eng**
"Avram Iancu" Military Institute for Radiolocation, Brasov, Romania
Field of study: Industrial Electronics, Radiolocation

PERSONAL SKILLS

Mother tongue Romanian

Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1

Levels: A1 and A2: Basic user – B1 and B2: Independent user – C1 and C2: Proficient user
Common European Framework of Reference for Languages

- Communication skills
- Good written communication, through presentation documents, design details, managerial documentation
 - Good verbal communication, acquired through numerous meetings with clients from different countries and fields of activity
 - Negotiation capacity as a result of multiple interactions with internal and external partners

- Organisational / managerial skills**
- leadership (currently in charge of a team of over 40 people)
 - financial, administrative management
 - project management (directly, as a project manager in integrated circuit design projects, as well as through the management of the Project Management Office within the company)
 - Quality management (by implementing quality management processes in Automotive SPICE projects)
- Work related skills**
- Digital Electronics
 - Design image processing algorithms
 - Neural networks
 - Architectures for hardware acceleration
 - Complex Hardware Systems – Software
- Computer skills**
- Microsoft Office
 - efficient use of project management tools (Microsoft Project, Smartsheet, Atlassian Jira, Confluence)
 - Scripting (Perl, Python)
 - Version control (CVS, SVN, Git)
 - Extensive experience in using hardware design languages (Verilog, SystemVerilog)
- Driving licence**
- B,C

Date:
10.01.2024