

PERSONAL INFORMATION

Șerban Nicolae MEZA



JOB APPLIED FOR POSITION

Professor– position no. 08 / Communications Department / Faculty of Electronics, Telecommunication and Information Technology / The Technical University of Cluj Napoca

WORK EXPERIENCE

2011 – 2013 - 2019 - present

**Associated Professor < Lecturer < Teaching Assistant**

The Technical University of Cluj Napoca; Faculty of Electronics, Telecommunication and Information Technology; Communications Department; Cluj Napoca / Romania / <https://etti.utcluj.ro/>

- course presentation and practical work assistance for the courses: Applied Informatics (BSc 1<sup>st</sup> year), Television Technology (BSc IV<sup>th</sup> year), Multimedia Technology (BSc IV<sup>th</sup> year) and Personal Data Management in IT Systems (MSc.)

**Business or sector** higher education

2009-2011t

**Research Assistant**

The Technical University of Cluj Napoca; Faculty of Electronics, Telecommunication and Information Technology; Communications Department; Cluj Napoca / Romania / <https://etti.utcluj.ro/>

- research activities related to various research projects.

**Business or sector** industrial and academic research

2009

**Research Intern**

Grass Valley, Breda / the Netherlands / <https://www.grassvalley.com/home/>

- research activities related to professional HD video cameras.

**Business or sector** industrial research in electronics

2008

**Software developer**

Konrad Technologies: Cluj Napoca / România and Radolfzell / Germania / <https://www.konrad-technologies.com/en/>

- implementation and development of software for the automated electronic equipment testing

**Business or sector** industrial electronics




## EDUCATION AND TRAINING

- 2023 **Habilitation in electronics, telecommunication and informational technologies engineering**  
Technical University of Cluj Napoca; Romania  
▪ Thesis title: Contributions to the Use of Information Technology and Data Processing  
▪ Affiliation: IOSUD – Technical University of Cluj Napoca
- 2007-2013 **PhD title in electronics and telecommunication engineering**  
Technical University of Cluj Napoca; Romania  
▪ Thesis title: Contributions to the Development of 2D & 3D Vision Systems
- 2008 / 2010 / 2010 **Certified Project manager / Trainer / Mentor**  
Grupul de consultanță pentru dezvoltare DCG / Institutul regional pentru cercetare, educație și transfer tehnologic / Training & teaching center; Romania  
▪ Project management; Adult education and training; counselling of trainees
- 2009 **Official translator and interpreter certification for English - Romanian**  
Ministry of Justice; Romania  
▪ Thesis title: Contributions to the Development of 2D & 3D Vision Systems
- 2007-2008 **Master in Electronics and Telecommunications Engineering (in French)**  
Faculty of Electronics, Telecommunications and Information Technology; Technical University of Cluj Napoca; Romania  
▪ Signal and image processing techniques based on the wavelet transform; Statistical signal processing; Genomic signal processing; Image and video coding and compression
- 2002-2007 **Engineer in Electronics and Telecommunications Engineering (in English)**  
Faculty of Electronics, Telecommunications and Information Technology; Technical University of Cluj Napoca; Romania  
▪ Advanced Mathematics; Systems and Signals Theory; Electronic and Telecom Devices; Data Acquisitions Systems; Audio-video information and signal processing  
▪ Graduation Distinction: Top of the Class
- 2003-2006 **Certified teacher / trainer – graduate of the Department for teacher training**  
Faculty of Electronics, Telecommunications and Information Technology; Technical University of Cluj Napoca; Romania  
▪ Pedagogy; The Theory and Methodology of Teaching / Instruction
- 2002-2006 **Economist – bussines administration**  
Business Faculty; Babes Bolyai University; Cluj Napoca; Romania  
▪ Accounting; Communication; Organisational Management; Auditing
- 1998-2002 **Highschool diploma (“Bacalureat”)**  
“Emil Racovita” National College; Cluj Napoca; Romania  
▪ Mathematics; Phisics; Foreing Languages; History; Geography;  
▪ Graduation Distinction: Top of the Class



PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
	Cambridge Certificate in Advanced English / Official translator and interpreter for English certificate				
French	B1	B1	A2	A2	B1

Replace with name of language certificate. Enter level if known.

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

ADDITIONAL INFORMATION

Publications

Projects

41 ISI indexed scientific papers and articles; 12 books or book chapters; 5 papers indexed in international databases (BDI); 2 patents (submitted)

12 projects, from which 3 as director/manager:

Project Director (UTCN partner) - 4 - PCCDI-2018 " A complex integrated system for technology optimization and superior valorization of the winemaking and viticulture by-products - VINIVITIS"; 2018 – 2021; budget 5 287 500.00 RON, from which 845 000.00 RON managed by UTCN; 10 indexed ISI/ISI Proceedings scientific papers, 2 patents (under evaluation);

Executive Manager FSE POSDRU 60891 „Școală universitară de formare inițială și continuă a personalului didactic și a trainerilor din domeniul specializărilor tehnice și inginerești - DIDATEC"; 2010 – 2013; budget 19 490 543 RON; 3 indexed ISI proceedings papers; more than 750 subjects taught in engineering curriculum in higher education institution in Romania updated; 2 fully equipped new laboratories;

Project Director CNCSIS BD 337 "Distributed video coding"; 2008 – 2011; budget 54 000 lei; 1 ISI proceedings indexed paper; PhD thesis contributions;

ANNEXES

- copies of degrees and qualifications;
- the list of publications.

