



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) **Laurențiu Mărgărit**
Address(es) Calea 13 Septembrie, Nr. 87, Bl. 79, Ap. 19, Sector 5, BUCURESTI, Romania
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E-mail margarit@mta.ro
Nationality Romanian
Date of birth 16-04-1958
Gender Male

Work experience

Dates 1991-02 <> present
Occupation or position held **Associate Professor**
Main activities and responsibilities Responsibilities, Achievements
President of the academic Senate 2014<>2015
Faculty of Military Electronic and Information Systems - Vice Dean 2009<>2020
Computer Science Department - head of hardware team
* Courses taught and developed:
- Digital integrated circuits
- Computer architectures
- Digital control systems
- Embedded systems
* Publications:
- Books: 2
- Full papers: 21
* R&D projects: 6 major academic grants and design contracts
Name and address of employer Military Technical Academy, Bucharest
Type of business or sector Education/Training
Dates 1988-06 <> 1991-02
Occupation or position held **System engineer**
Main activities and responsibilities Responsibilities, Achievements
System administrator for DEC PDP compatible minicomputers using RSX11M operating systems.
Software developer (MACRO 11 and ANSI C) for communication protocols based applications via modems and leased phone lines
Name and address of employer Ministry of National Defense – Computer and Information Data Center
Type of business or sector Software/Technologies
Dates 1983-09 <> 1988-05
Occupation or position held **R&D engineer**
Main activities and responsibilities Member of the "Distributed control systems" team. The main goal of this team was to design and produce the "microARGUS Distributed Control System".
Software developer of the firmware for the "Process Interface Unit" and the "Operator Station" equipments.
Name and address of employer AUTOMATICA Bucharest
Type of business or sector Hardware and Software/Technologies

Education and training

Dates	1992 <> 1998
Title of qualification awarded	Ph.D.
Principal subjects/occupational skills covered	"Contributions to Multi-model Adaptive Systems Design" (adaptive digital control)
Name and type of organisation providing education and training	Politehnica University of Bucharest
Dates	1978 <> 1983
Title of qualification awarded	Master Degree
Principal subjects/occupational skills covered	Master in automatic control and computer engineering
Name and type of organisation providing education and training	Politehnica University of Bucharest

Mother tongue(s) **Romanian**

Other language(s)

Self-assessment

European level

English

French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Experimented user	C1	Experimented user	C1	Experimented user	C1	Experimented user	C1	Experimented user
C1	Experimented user	C1	Experimented user	C1	Experimented user	C1	Experimented user	C1	Experimented user

Social skills and competences Good communication skills gained being professor for so many years

Organisational skills and competences Faculty management
- 2009 <> 2020 - Vice Dean of Faculty of military electronic and information systems
Director of research projects

Technical skills and competences

- Advanced theoretical and practical background related to digital control algorithms design and implementation
- Advanced theoretical and practical background related to digital signal processing methods and algorithms
- Advanced expertise in FPGA based digital design
- Advanced expertise in assembler programming
- Advanced expertise in C programming
- Advanced expertise in firmware design using microcontrollers and DSP microprocessors
- Proficiency with laboratory instruments (such as DMM, oscilloscope and logic analyzer) for test and design experiments
- Advanced expertise in using Matlab-Simulink software (including real-time simulation and hardware in the loop concepts and tools)

Artistic skills and competences Mandolina music player

Driving licence B

Additional information

2012 Software consultant at SELEX Communication (local branch in Romania)
 2010 Software consultant at THALES RSS (local branch in Romania)
 2008 <> 2009 System architect (part time) at MOSYS (local branch in Romania)
 2006 <> 2008 System engineer (part time) at ATMEL (local branch in Romania)
 2000 <> 2002 Software developer (part time) at FRESENIUS MEDICAL CARE (local branch in Romania)

Annexes List of publications