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Europass curriculum vitae

Personal information

Surname(s) / First name(s)	**Anghelescu Petre**
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Telephone(s)	Office: +40 348 453217 Mobile: +40 724193051
E-mail(s)	petre.anghelescu@upit.ro, petreanghelescu@yahoo.com
Nationality(-ies)	Romanian
Date of birth	16.06.1977
Gender	Male

Occupational field

Professional engineering/university Lecturer- teaching and scientific research

Work experience

Dates	**October 2009 – present**
Occupation or position held	Phd. Lecturer
Main activities and responsibilities	**Teaching** of graduate and postgraduated courses (Basics of Artificial Intelligence, Graphics processing systems, Parallel and distributed algorithms, Data structures, Computer graphics) and **scientific research** activity in area of interest (artificial intelligence, mainly on bio-inspired systems—cellular automata, self-adaptation, self-organizational systems, and reconfigurable computing).
Name and address of employer	University of Pitesti, Faculty of Electronics, Communications and Computers, Department of Electronics and Computers, Targu din vale, No. 1, 110040, Pitesti, Arges, Romania
Type of business or sector	Education and research, State university
Dates	**August 2010 – July 2012**
Occupation or position held	Post-Doctoral Researcher
Main activities and responsibilities	Developing algorithms based on cellular automata theory for the protection of information stored or transmitted in network systems. The research focuses on methods of computational and artificial intelligence, mainly on bio-inspired systems—cellular automata, self-adaptation, self-organizational systems, and reconfigurable computing.
Name and address of employer	University of Pitesti, Targu din vale, No. 1, 110040, Pitesti, Arges, Romania
Type of business or sector	Research
Dates	**February 2006 – October 2009**
Occupation or position held	University Assistant
Main activities and responsibilities	**Teaching** of graduate and postgraduated courses (Data structures and algorithms, Basics of Artificial Intelligence, Parallel and distributed algorithms, Computer graphics) and **scientific research** activity in area of interest (artificial intelligence, mainly on bio-inspired systems—cellular automata, self-adaptation, self-organizational systems, cryptography and reconfigurable computing).
Name and address of employer	University of Pitesti, Faculty of Electronics, Communications and Computers, Targu din vale, No. 1, 110040, Pitesti, Arges, Romania
Type of business or sector	Education and research, State university
Dates	**January 2007 – December 2007**
Occupation or position held	Researcher
Main activities and responsibilities	Research project financed by the Romanian Ministry of Education, Research and Innovation,

CNCSIS code: TD 365, No. 35GR/23.05.2007.

WEB address: http://194.102.64.7/GranturiFinalizate/faces/Projects/ProjectDetails.jsp

Name and address of employer	University of Pitesti, Targu din vale, No. 1, 110040, Pitesti, Arges, Romania
Type of business or sector	Research

Dates	**February 2003 – February 2006**
Occupation or position held	University Preparatory
Main activities and responsibilities	Teaching of graduate and postgraduate courses, Scientific research activity in area of interest
Name and address of employer	University of Pitesti, Faculty of Electronics, Communications and Computers, Targu din vale, No. 1, 110040, Pitesti, Arges, Romania
Type of business or sector	Education and research, State university

Dates	**July 2002 – February 2003**
Occupation or position held	Engineer
Main activities and responsibilities	Research in area of Microsystems and Software applications focused on Traffic Control – electronic charged (SUPERTAX 101-FA).
Name and address of employer	S.C. Trion Company, Pitesti
Type of business or sector	Research

Education and training

Dates	**26 June 2011 – 17 July 2011**
Title of qualification awarded	Graduation Certificate of the summer school: "A New Kind of Science"
	http://www.wolframscience.com/summerschool/2011/alumni/anghelescu.html
Principal subjects/Occupational skills covered	Complex systems and artificial intelligence, cellular automata / Theory, modeling and simulation of complex systems using Mathematica
Name and type of organisation providing education and training	Wolfram|Alpha and Wolfram Research, Curry College, Boston, MA, USA

Dates	**01 December 2003 – 07 December 2007**
Title of qualification awarded	PhD degree in Engineering Science
Principal subjects/Occupational skills covered	The projection and the analysis of the cellular automata for processing of information
Name and type of organisation providing education and training	University of Pitesti

Dates	**October 2002 – June 2004**
Title of qualification awarded	MEng degree in Intelligent Communication Systems
Principal subjects/Occupational skills covered	Intelligent communication systems
Name and type of organisation providing education and training	University of Pitesti

Dates	**October 2000 – June 2001**
Title of qualification awarded	Graduation certificate
Principal subjects/Occupational skills covered	Courses for Computers Programming and English / PC Programming & English
Name and type of organisation providing education and training	Culture House, Pitesti

Dates	**October 1997 – June 2002**
Title of qualification awarded	BSc. degree Engineer
Principal subjects/Occupational skills covered	Electronics, Communications and Computers
Name and type of organisation	University of Pitesti, Faculty of Electronics, Communications and Computers

providing education and training

Personal skills and competences

Mother tongue(s) | Romanian

Other language(s)

Self-assessment

European level (*)

	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	
English	Good	Good	Good	Good	Good

(*) Common European Framework of Reference (CEF) level

Organizational skills and competences | Experience acquired in industry, research and academics. Research projects coordination.
A number of grants funded by Govern and private companies were coordinated in the latest five years.

Computer skills and competences | Computer programming and engineering simulative environments (C#, C++, Mathematica, Matlab (Fuzzy logic, Neural network, Simulink), Mathematica, OpenGL).

Other skills and competences
- Reviewer for journals and conferences: *Information science, Transactions on Emerging Telecommunications Technologies,Conference on Telecommunications and Signal Processing (TSP);Conference on Electronic & Mechanical Engineering and Information Technology; ECAI - Electronics, Computers and Artificial Intelligence International Conference; International Conference for Internet Technology and Secured Transactions (ICITST).*
- Expert evaluator for *Czech Science Foundation – 2012 Post-Doctoral Projects.*

Driving license(s) | Category B

Annex | List of representative works.