



## Europass Curriculum Vitae

### Personal information

First name(s) / Surname(s) **Ovidiu Grigore**  
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Nationality Romanian  
Date of birth July 2, 1967  
Gender Male

### Work experience

#### Academic, Researching experience

Dates	Since 2005
Occupation or position held	Professor
Main activities and responsibilities	Lecturing and researching in the fields of: Artificial Intelligence, Neural Networks, Fuzzy Systems, Machine Learning, Speech Processing and Recognition, Robotics, Medical Image Processing and Analysis, Applied Computational Intelligence, Computer Programming, Object Oriented Programming, Data Structures and Algorithms.
Name and address of employer	University "Politehnica" of Bucharest; Faculty of Electronics, Telecommunication and Information Technology 1-3 Luliu Maniu, sect.6,061071, Bucuresti, Romania
Type of business or sector	Academic and researching activities. I've developed and implemented algorithms/systems for: (a) emotions/stress evaluation; (b) impaired speech evaluation and recovery.
Dates	Since 2016
Occupation or position held	Professor Habil.
Main activities and responsibilities	Conducting PhD thesis/students in the fields of: Artificial Intelligence, Neural Networks, Machine Learning, Speech Processing and Recognition, Medical Signal Processing and Analysis, Applied Psychology.
Name and address of employer	University "Politehnica" of Bucharest; Faculty of Electronics, Telecommunication and Information Technology 1-3 Luliu Maniu, sect.6,061071, Bucuresti, Romania
Type of business or sector	Academic management and researching activities. I've conducted research in: (a) emotions/stress evaluation and monitoring; (b) impaired speech evaluation and recovery; (c) brain computer interfaces (BCI) for imaginary speech recognition.
Dates	2009 - 2012
Occupation or position held	Senior Researcher

Main activities and responsibilities	Lecturing and researching in the fields of: Pattern Recognition, Artificial Intelligence, Medical Image Processing and Analysis, Brain Computer Interfaces (BCI).
Name and address of employer	Lisbon University, Informatics Department 1 Campo Grande, 1749-016, Lisbon, Portugal
Type of business or sector	Academic and researching activities. I've developed algorithms for Brain Computer Interfaces for cognitive reading detection.
Dates	2005 - 2009
Occupation or position held	Team leader, Java Software Developer, Researcher
Main activities and responsibilities	Software implementation: real-time adaptive lighting parameters control system based on psycho-physiological signal analysis. Researching in the fields of: Artificial Intelligence, Physiological Signal Processing, Applied Psychology.
Name and address of employer	Fachhochschule Vorarlberg Gmbh Hochschulstrasse 1 6850 Dornbirn, Austria
Type of business or sector	Researching activities (Member of ALADIN project, developing/implementing algorithms/system for adaptive lighting control for subjects' psycho-physiological state improvement. The system was implemented in Java (using Eclipse), working in real time in all its stages: the acquisition and processing of physiological signals (EDA – electrodermal activity, ECG - electrocardiogram, PPG – photoplethysmogram), the decision algorithm and the control of the lighting system (color temperature and intensity)
Dates	2001 - 2005
Occupation or position held	Scientific Programmer (Postdoc Researcher)
Main activities and responsibilities	C++ software developer Researching in the fields of: Computational Geometry, Object Matching, Shape Approximation.
Name and address of employer	Utrecht University, Computing Science Department Princetonplein 5 (De Uithof), 3584 CC Utrecht, the Netherlands
Type of business or sector	Member of CGAL team, developing/implementing the part of CGAL library dealing with Object Matching, Shape Approximation algorithms, in C++, using generic programming (Linux and Windows OS)
Dates	2000 - 2001
Occupation or position held	Postdoc Researcher
Main activities and responsibilities	Researching in the fields of: Bio-medical Image Processing and Analysis, Breast Cancer Detection and Evaluation Procedures, Neural Networks, Pattern Recognition, Face Recognition, Independent Component Analysis (ICA).
Name and address of employer	INESC-Porto (Instituto de Engenharia de Sistemas e Computadores), University of Porto, Faculty of Engineering, Portugal Rua Dr. Roberto Frias 378, 4200 - 465 Porto, Portugal
Type of business or sector	Researching activities: I've developed and implemented an intelligent system for breast cancer detection and monitoring, based on histological microscopic images processing.
Dates	2000 - 2005
Occupation or position held	Associated Professor
Main activities and responsibilities	Lecturing and researching in the fields of: Pattern Recognition, Artificial Intelligence, Medical Image Processing and Analysis, Applied Computational Intelligence, Computer Programming, Object Oriented Programming, Data Structures and Algorithms.
Name and address of employer	University "Politehnica" of Bucharest; Faculty of Electronics, Telecommunication and Information Technology 1-3 Iuliu Maniu, sect.6,061071, Bucuresti, Romania
Type of business or sector	Academic and researching activities

Dates 1997 - 2000  
Occupation or position held Lecturer  
Main activities and responsibilities Lecturing and researching in the fields of: Pattern Recognition, Artificial Intelligence, Medical Image Processing and Analysis, Applied Computational Intelligence, Computer Programming, Object Oriented Programming, Data Structures and Algorithms.  
Name and address of employer University "Politehnica" of Bucharest;  
Faculty of Electronics, Telecommunication and Information Technology  
1-3 Iuliu Maniu, sect.6,061071, Bucuresti, Romania  
Type of business or sector Academic and researching activities

Dates 1991 - 1997  
Occupation or position held Assistant Professor  
Main activities and responsibilities Conducting seminar, laboratories and researching in the fields of: Pattern Recognition, Artificial Intelligence, Medical Image Processing and Analysis, Applied Computational Intelligence, Computer Programming, Object Oriented Programming, Data Structures and Algorithms.  
Name and address of employer University "Politehnica" of Bucharest;  
Faculty of Electronics, Telecommunication and Information Technology  
1-3 Iuliu Maniu, sect.6,061071, Bucuresti, Romania  
Type of business or sector Academic and researching activities

### Software development experience

Dates 2001 – 2005  
Occupation or position held Scientific Programmer  
Main activities and responsibilities C++ software development.  
Name and address of employer Utrecht University / Member of CGAL team,  
Computing Science Department  
Princetonplein 5 (De Uithof), 3584 CC Utrecht, the Netherlands  
Type of business or sector Member of CGAL team, developing/implementing the part of CGAL library dealing with Object Matching, Shape Approximation algorithms, in C++, using generic programming (Linux and Windows OS)

Dates 2005 – 2009  
Occupation or position held Java Software Developer  
Main activities and responsibilities Software implementation: real-time adaptive lighting parameters control system based on psycho-physiological signal analysis.  
Name and address of employer Fachhochschule Vorarlberg Gmbh  
Hochschulstrasse 1  
6850 Dornbirn, Austria  
Type of business or sector Designing / algorithms development / implementing a system for adaptive lighting control for subjects' psycho-physiological state improvement. The system was implemented in Java (using Eclipse), working in real time in all its stages: the acquisition and processing of physiological signals (EDA – electrodermal activity, ECG - electrocardiogram, PPG – photoplethysmogram), the decision algorithm and the control of the lighting system (color temperature and intensity)

Dates Since 1991  
Occupation or position held Matlab and Python developer  
Main activities and responsibilities Implementation and testing algorithms.

Name and address of employer	University "Politehnica" of Bucharest; Faculty of Electronics, Telecommunication and Information Technology 1-3 Luliu Maniu, sect.6,061071, Bucuresti, Romania
Type of business or sector	All the algorithms designed and implemented in researching activity.
<b>Management experience</b>	
Dates	2012 – 2016
Occupation or position held	Project manager, EU project "Automatic systems for heritage leathers and parchments degradation assessment"
Main activities and responsibilities	Coordination of project activities.
Name and address of employer	University "Politehnica" of Bucharest; Faculty of Electronics, Telecommunication and Information Technology 1-3 Luliu Maniu, sect.6,061071, Bucuresti, Romania
Type of business or sector	Management of researching, designing and implementation activities.
Dates	2008 - 2011
Occupation or position held	Project manager, national project "Development of adaptive information technologies in audio-verbal education"
Main activities and responsibilities	Coordination of project activities.
Name and address of employer	University "Politehnica" of Bucharest; Faculty of Electronics, Telecommunication and Information Technology 1-3 Luliu Maniu, sect.6,061071, Bucuresti, Romania
Type of business or sector	Management of researching, designing and implementation activities.
Dates	2012 – 2016
Occupation or position held	UPB team leader, national project "Intelligent system for collagen-based heritage objects analysing and diagnosing"
Main activities and responsibilities	Coordination of UPB team activities.
Name and address of employer	University "Politehnica" of Bucharest; Faculty of Electronics, Telecommunication and Information Technology 1-3 Luliu Maniu, sect.6,061071, Bucuresti, Romania
Type of business or sector	Management of researching, designing and implementation activities for UPB team members.
Dates	2008 – 2011
Occupation or position held	Project manager, national project "Intelligent system for assessment and correcting of speech defects in recovery therapy"
Main activities and responsibilities	Coordination of project activities.
Name and address of employer	University "Politehnica" of Bucharest; Faculty of Electronics, Telecommunication and Information Technology 1-3 Luliu Maniu, sect.6,061071, Bucuresti, Romania
Type of business or sector	Management of researching, designing and implementation activities.
Dates	2007 – 2008
Occupation or position held	UPB team leader, EU project "Ambient Lighting Assistance for an Ageing Population - ALADIN"
Main activities and responsibilities	Coordination of UPB team activities.
Name and address of employer	University "Politehnica" of Bucharest; Faculty of Electronics, Telecommunication and Information Technology 1-3 Luliu Maniu, sect.6,061071, Bucuresti, Romania

Type of business or sector Management of researching, designing and implementation activities for UPB team members.

## Education and training

Dates 1992 - 1997  
Title of qualification awarded Habilitated in Electronics and Telecommunication  
Principal subjects/occupational skills covered Artificial Intelligence, Medical signals processing and analysis (Habilitation Thesis: *Signal Processing Intelligent Methods Applied in Medicine and Psychology*)  
Name and type of organisation providing education and training University "Politehnica" of Bucharest;  
Faculty of Electronics, Telecommunication and Information Technology

Level in national or international classification Doctor Habil. (Doctor Habilitatus)

Dates 1992 - 1997  
Title of qualification awarded Doctor in Electronics and Telecommunication  
Principal subjects/occupational skills covered Pattern Recognition and Artificial Intelligence (Title: *Two-Dimensional Pattern Recognition Algorithms. Syntactical Approaches*)  
Name and type of organisation providing education and training University "Politehnica" of Bucharest;  
Faculty of Electronics, Telecommunication and Information Technology

Level in national or international classification Doctor (Ph.D.)

Dates 1986 - 1991  
Title of qualification awarded M. Sc. Eng. in Electronics and Telecommunication  
Principal subjects/occupational skills covered Electronic Devices and Circuits, Signals, Circuits and Systems, Information Transmission Theory, Medical Electronics and Informatics, Digital Integrated Circuits, Analogic Integrated Circuits, Pattern Recognition and Artificial Intelligence  
Name and type of organisation providing education and training Polytechnic Institute of Bucharest;  
Faculty of Electronics, Telecommunication

Level in national or international classification M. Sc. Eng

## Personal skills and competences

Mother tongue(s) **Romanian**

Other language(s)

Self-assessment

European level (\*)

**English**

**Portuguese**

Understanding		Speaking		Writing	
Listening	Reading	Spoken interaction	Spoken production		
C1	C1	C1	C2	C2	
B1	B2	A1	A2	A2	

(\*) [Common European Framework of Reference for Languages](#)

Social skills and competences	<p>Communication abilities, empathy and interpersonal understanding.</p> <p>Team work.</p> <p>Good negotiating skills.</p> <p>Responsibility.</p> <p>Flexibility.</p> <p>Enterprising abilities.</p>
Organisational skills and competences	<p>Management and organizational skills.</p> <p>Prospective thinking.</p> <p>Quick ability for problems identification</p>
Technical skills and competences	<p>Developing, designing and fixing electronic circuits</p> <p>Mechanical skills</p> <p>Networks configuration</p>
Computer skills and competences	<p>Configuration of and using of the operating systems: Windows, Linux, Mac XOS. Using Microsoft Office.</p> <p><b>Programming</b> in: C, C++, Java, Matlab, Python, SQL, Microsoft Visual Studio, Eclipse, Qt. Linux servers' configuration.</p>
Artistic skills and competences	<p>Piano and classic guitar playing.</p>
Driving licence	<p>B category driving license</p>
<b>Annexes</b>	<p>Published papers and Research projects: <a href="https://www.researchgate.net/profile/Ovidiu_Grigore/contributions">https://www.researchgate.net/profile/Ovidiu_Grigore/contributions</a></p>