



Curriculum vitae Europass



Personal information

First name(s) / Surname(s)

GRAVA Cristian

Address(es)

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Telephone(s)

+40 259 408667

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E-mail

cgrava@uoradea.ro, cgrava@gmail.com

Nationality

Romanian

Gender

Male

Work experience

Dates

01.10.2008 – onwards

Occupation or position held

Professor

Main activities and responsibilities

Research and teaching activities (courses and practical activities): Image processing and analysis, Computer Vision, Computer Graphics, Advanced Techniques for Image Processing (MD/PhD).

Name and address of employer

University of Oradea, 1, Universității str., 410087, Oradea, Romania, www.uoradea.ro

Type of business or sector

Education, Faculty of Electrical Engineering and Information Technology

Dates

01.03.2005 – 01.10.2008

Occupation or position held

Assistant professor

Main activities and responsibilities

Research and teaching activities (courses and practical activities): Image processing and analysis, Computer Vision, Computer Graphics

Name and address of employer

University of Oradea, 1, Universității str., 410087, Oradea, Romania, www.uoradea.ro

Type of business or sector

Education, Faculty of Electrical Engineering and Information Technology

Dates

01.03.2002 - 01.03.2005

Occupation or position held

Lecturer

Main activities and responsibilities

Research and teaching activities (courses and practical activities): Image processing and analysis, Medical Imaging

Name and address of employer

University of Oradea, 1, Universității str., 410087, Oradea, Romania, www.uoradea.ro

Type of business or sector

Education, Faculty of Electrical Engineering and Information Technology

Dates

01.03.1998 - 01.03.2002

Occupation or position held

Assistant lecturer

Main activities and responsibilities

Research and teaching activities (courses and practical activities): Image processing and analysis, Medical Imaging, Electronic circuits and systems

Name and address of employer

University of Oradea, 1, Universității str., 410087, Oradea, Romania, www.uoradea.ro

Type of business or sector

Education, Faculty of Electrotechnics and Informatics

Dates

01.10.1995 - 01.03.1998

Occupation or position held

Laboratory assistant

Main activities and responsibilities

Research and teaching activities (practical activities): Electronic circuits and systems, Power electronic converters

Name and address of employer

University of Oradea, 1, Universității str., 410087, Oradea, Romania, www.uoradea.ro

Type of business or sector	Education, Faculty of Electrotechnics and Informatics
Dates	01.06.1990 – 01.10.1990
Occupation or position held	Tourism organizer
Main activities and responsibilities	Encampment organizing and administration
Name and address of employer	Regional Scholar Encampment Administration from Bihor, 2, Porțile de Fier Str., Oradea
Type of business or sector	Education, Encampment organizing and administration
Education and training	
Dates	2017
Title of qualification/diploma awarded	Habilitation as PhD supervisor
Principal subjects/occupational skills covered	Electronics, Telecommunications and Information Technologies
Name and type of organization providing education and training	Technical University from Cluj-Napoca
Level in national or international classification	ISCED 8
Dates	2013
Title of qualification/diploma awarded	Judicial technical expert
Principal subjects/occupational skills covered	Electronics, Networks and software for telecommunications
Name and type of organization providing education and training	Minister of Justice from Romania
Level in national or international classification	ISCED 8
Dates	1999 – 2003
Title of qualification/diploma awarded	PhD - Doctor
Principal subjects/occupational skills covered	Images and Systems
Name and type of organization providing education and training	National Institute of Applied Sciences from Lyon, France, http://www.insa-lyon.fr/
Level in national or international classification	ISCED 8
Dates	1998 – 2003
Title of qualification/diploma awarded	PhD - Doctor
Principal subjects/occupational skills covered	Electronics and Telecommunications
Name and type of organization providing education and training	„Politehnica” University of Bucharest, Faculty of Electronics, Telecommunications and Information Technology, www.upb.ro
Level in national or international classification	ISCED 8
Dates	1995 – 1996
Title of qualification/diploma awarded	Master
Principal subjects/occupational skills covered	Modern Technologies using microwave and induction heating equipments
Name and type of organization providing education and training	University of Oradea, Faculty of Electrotechnics and informatics, www.uoradea.ro
Level in national or international classification	ISCED 7

Dates 1990 -1995
 Title of qualification/diploma awarded Engineer / License
 Principal subjects/occupational skills covered Applied Electronics
 Name and type of organization providing education and training University of Oradea, Faculty of Electrotechnics and informatics, www.uoradea.ro
 Level in national or international classification ISCED 6

Dates 1984-1988
 Title of qualification/diploma awarded Baccalaureate
 Principal subjects/occupational skills covered Mathematics-Physics
 Name and type of organization providing education and training Mathematics-Physics High-School „Emanuil Gojdu” from Oradea, <http://www.lego.rdsor.ro/>
 Level in national or international classification ISCED 3-4

Dates February-Mars 2005
 Title of qualification/diploma awarded Graduation certificate
 Principal subjects/occupational skills covered Consultancy in UE financial applications
 Name and type of organization providing education and training AquaProfit Rt, Debrecen, Hungary

Dates October 1999
 Title of qualification/diploma awarded Graduation certificate
 Principal subjects/occupational skills covered Introduction in project management
 Name and type of organization providing education and training Regional Scholar Inspectorate Bihor

Dates July 1996
 Title of qualification/diploma awarded Graduation certificate
 Principal subjects/occupational skills covered Economical and financial enterprise evaluation
 Name and type of organization providing education and training Accounting experts and authorized bookkeepers Association, Oradea, Bihor

Personal skills and competences

Mother tongue(s) **Romanian**

Other language(s)

Self-assessment
European level ()*

English

French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient user	C1	Proficient user	C1	Proficient user	B2	Independent user	B2	Independent user
B2	Independent user	C1	Proficient user	B2	Independent user	A2	Basic user	A1	Basic user

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

Affiliations

Senior Member of IEEE (Institute of Electrical and Electronics Engineers), Member of IAENG (International Association of Engineers)

Social skills and competences	<ul style="list-style-type: none"> - Team work and team spirit: I have a team working experience since my studies when I was elected as students' leader of my class. I also participated to practical and scientific projects organized by my faculty and to sport and entertainment activities organized by the students' organizations. I consolidated my team spirit after my employment, encouraging the interaction with and between my colleagues, with the aim to coagulate the community that I belong. - Good ability to adapt to multicultural environments, gained through my studies and several grants abroad - Good communication skills gained through my 16 years of teaching, but also of my work experience during my studies, when the level of my revenues were directly proportional with my communication skills, working directly with the people.
Organisational skills and competences	<ul style="list-style-type: none"> - Elected as Vice-President of the Senate of University of Oradea, 2016-2019 - Elected as President of Research Commission of the Senate of University of Oradea, 2012-2016 - Elected as Vice-Dean of the Faculty of Electrical Engineering and Information Technology, 2008-2011 - Elected as Vice-president of the Research Council of the University of Oradea, 2008-2011 - Erasmus coordinator between the University of Oradea and the National Institute of Applied Sciences form Lyon, France – Research and Applications Center in Image and Signal Processing (CREATIS) - Project manager or member of more than 20 national and international research grants - Management of teaching, research and administrative activities - Evaluation expert in CNCSIS, CeEx, PNCDI-II, FP7, ARACIS - Technical judiciary expert, authorized by the Minister of Justice from Romania - Internal ARACIS auditor, at the University of Oradea - ARACIS expert - Editor or reviewer at several conferences and journals - Evaluation expert of Research European Agency (REA) – European Commission, HORIZON 2020.
Computer skills and competences	Competent with most Microsoft Office programs and good knowledge of Windows OS Programming in Matlab and C
Artistic skills and competences	Passionate of computer graphics
Other skills and competences	Hobby: football and athletics
Driving licence	B category Romanian driving license

Additional information	References available upon request
Scientific activity	More than 50 papers and articles published in international journals and conferences More than 30 scientific papers published in national journals and conferences 6 didactic courses 5 laboratory and project guides for students Member or director of 20 research projects
Areas of interest	Image processing and analysis, with applications in medical imaging and assisted diagnosis; Computer vision; Motion detection and estimation in image sequences, with applications in medical imaging; Modeling of physical systems; Applications of cellular neural networks in obtaining real-time applications in the field of image processing and analysis.
Research grants and stages	<ul style="list-style-type: none"> • 01.04.1999-01.09.1999 = Erasmus grant at the National Technical University of Athens, Greece, at the Laboratory Biomedical Simulations and Imaging, from the Department of Electrical and Computer Engineering, http://www.biosim.ntua.gr/ ; • 01.03.2000-31.08.2000, 01.03.2001-31.08.2001, 12.02.2002-31.03.2002 and 20.05.2002-31.08.2002, 01.02.2003-31.03.2003, 01.09.2003-30.09.2003 and 01.12.2003-20.12.2003 = PhD research grants and stages, for the co-directed PhD thesis, at the National Institute of Applied Sciences (INSA) from Lyon, France, at the Center of Research and Applications in Image and Signal Processing (CREATIS) from Lyon, financed by TEMPRA and MIRA program: www.creatis.insa-lyon.fr • 01.05.2006-30.06.2006 = invited professor at the Laboratory of Signals, Image, Communications, at the University of Poitiers, France: https://www.xlim.fr/ • 01.07.2006-31.08.2006 = invited professor at the Laboratory of Sciences and Materials for Electronics and Automatics, from the Blaise-Pascal University from Clermont-Ferrand, France: http://de.physnet.net/PhysNet/content/lists/rdfoutput/details/physnet_114120932421028150021.html, https://www.uca.fr/ • 2004-2019 = Erasmus stages of 1-6 weeks/year, in the frame of Erasmus collaboration with the Center of Research and Applications in Image and Signal Processing (CREATIS) from Lyon, at the National Institute of Applied Sciences (INSA) from Lyon, France www.creatis.insa-lyon.fr
Annexes (available upon request, if necessary)	<ol style="list-style-type: none"> 1. Copies of PhD diplomas (from France and Romania) 2. Copy of master, license and Baccalaureate diplomas 3. Copies of graduation certificates of the courses of expert in enterprise evaluation, financial consultancy, and introduction in project management 4. Copies of employment documents 5. Research grants an stages attestations

Oradea,
at 24.11.2022

Cristian GRAVA