



## Europass Curriculum Vitae



### Personal information

First name(s) / Surname(s) **Gheorghe Gavriiloaia**  
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E-mail ggavriiloaia@gmail.com  
Nationality Romanian  
Date of birth 19 October 1949  
Gender Male

### Work experience

Dates	Occupation or position held
	- 2005 – present, university professor, University of Pitesti
	- 2004-2005, pro-rector Bioterra University – Bucharest
	- 2003-2004, pro-rector, Military Technical Academy, Bucharest
	- 2001-2003, acting commander of the Military Technical Academy, Bucharest
	- 1979- 2001, teaching positions held in the Military Technical Academy, Bucharest (1997- 2001, university professor / 1987-1997, associate professor / 1982-1987, lecturer /1980-1982, junior lecturer /1979-1980, research engineer
	- 1971-1979, specialist officer in radar systems, Staff of the Air Force, Ministry of Defence

Main activities and responsibilities

- 1979-present, educational activities, scientific research, institutional management
- 1971-1979, maintenance of operational radar, investigation and jamming systems

Name and address of employer University of Pitesti, Targul din Vale no. 1, Pitesti  
Type of business or sector ISCED 5

### Education and training

Dates	Title of qualification awarded
- 2003,	Management of quality systems and Assessor of environmental and quality systems, The Romanian Agency of Quality, Bucharest – certificate;
- 2002,	Management of defence systems, Centrul Regional Brasov – certificate;
- 2001,	Ph. D.in Electronic and Telecommunication Engineering, The Military Technical Academy, Bucharest;
- 1995	Doctor engineer in <i>Radio and Radio communication</i> - The Military Technical Academy – diploma of doctor engineer;
- 1985	Information Systems Engineers; The Military Technical Academy, Bucharest, - certificate;
- 1975,	Automated Radar Systems, The Ministry of Defence - certificate;
- 1973,	Radar Systems - altimeters, The Ministry of Defence- certificate;

Principal subjects/occupational skills covered

Name and type of organisation providing education and training

Electronic engineering and telecommunications

- 1974-1969 - Faculty of Electronics and Telecommunications, Industrial Electronics Section, "Politehnica" University of Bucharest – electronic engineer diploma;
- 1967-1970 – Military School of Active Officers Brasov, Radar Specialization - lieutenant.

### Personal skills and competences

Mother tongue(s)

Romanian

Other language(s)

English, French, Russian

Self-assessment

European level (\*)

English

French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user
B1	Elementary user	B1	Elementary user	B1	Elementary user	B1	Elementary user	B1	Elementary user

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

Organisational skills and competences

Experience in the management of organizations: coordination of the activities of granting resources in a higher education institution.

Technical skills and competences

Experience in the management of national research projects

**Coordinating director** of scientific research projects:

- *Algorithms for the fuzzy-chaotic processing of images from a multispectral analyzer usable in the early detection of cancer*, Program PN2-Partnerships, contract 12096/2008
- *Methods and algorithms of image processing from orthogonal sensors for the early diagnosis of thyroid cancer*. Program PN2-Idei, contract 646/2009

**Head** of scientific research projects:

- *Radiant system ensemble – impulse carrier for ultra-broadband communications on board of ships*. Program PN2-Partnerships. 12085/2008
- *Unique address hybrid wireless access system*. Program PN2-Partnerships, contract 12126/2008
- *Increasing communication network security through the use of biometrical identification technologies*, Contract nr. 604/289-16.06.2008 with INSCC Bucharest, *MCTI sectoral research and development plan*
- *Meta devices for complex processing of radio signals in mobile communications networks and through CEEX satellites*, National Plan for Research and Innovation – Infosoc, Contract 58/2006
- *Voice print identification as support in combating terrorism*, National Plan for Research and Innovation – Security, S 18, 2005

**Coordinator** scientific research grants:

- *The risk of electromagnetic contamination for force personnel working* – contract with the Armaments Department, Ministry of Defence, no. 1028/2004 – from the *Sectoral development plan for military technologies in 2004* of The Ministry of Defence
- *Evaluation of electromagnetic field strength absorbed by the human body*, contract with CNCSIS, no. 1097/2001

**Member** in 12 national scientific projects or in the Armaments Department of the Ministry of Defence

**Author of 12 innovation patents**

Computer skills and competences

Linux, Windows, C++, HTML and others

Other skills and competences	Main area of scientific and teaching expertise: <ul style="list-style-type: none"> <li>• Radar systems</li> <li>• Radar polarimetry</li> <li>• Automated radar systems</li> <li>• Microwave engineering</li> <li>• Digital image and signal processing</li> <li>• Antennas and waves propagation</li> <li>• Bioinformatics, Bio- medical equipment, Thermography</li> <li>• Bio inspired structures, neural and fuzzy networks</li> </ul>
Driving licence	Driving license B and C
<b>Additional information</b>	<ul style="list-style-type: none"> <li>- Who's Who in the World, 2007, 25th Silver Anniversary Edition;</li> <li>- Assessor of national programs CNC SIS since 2003;</li> <li>- Assessor of articles in national and international magazines;</li> <li>- "Military Virtue" Order in rank of "Knight", for the Romanian Military, decree no. 968/29.11.2002</li> </ul>
Published works	<ul style="list-style-type: none"> <li>- University books and manuals – 19, in Microwave and Digital image processing;</li> <li>- Published articles or articles presented in national/international conferences- 173;</li> </ul>
Member of professional associations	<ul style="list-style-type: none"> <li>- founding member of <i>IEEE Engineering in Medicine and Biology Society, Romanian chapter</i> (2010)</li> <li>- Member IEEE Tr. On MTT (2002-2004)</li> <li>- Member SPIE (2008- )</li> <li>- Member of The Romanian Technicians and Engineers Association (1993-1996)</li> <li>- Member of The Romanian Society of Thermography</li> </ul>
<b>Annexes</b>	References may be supplied on request