

CURRICULUM VITAE



PERSONAL INFORMATIONS

Name	CÎRMACI MATEI
Surname	MARIUS VALERIU
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Office phone	021 3354665
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E-mail	mariusvaleriu@yahoo.com
Date & place of birth	November, 11, 1973, Suceava
Nationality	Romanian
Marital status	Married, 2 children

WORK EXPERIENCE

- From 15.03.2004 - Now
 - Employer's name and address
Military Technical Academy, 81-83, Georg Coșbuc Blvd, Bucharest, Romania
 - Type of business or sector
High education staff (undergraduation and postgraduation levels), scientific research in engineering systems
 - Occupation or position held
University Professor / Mecatronics and Integrated Armament Systems / Armament Systems Engineering and Mecatronics Department
 - Main activities and responsibilities
Teaching, scientific research, supervisor of international students, standardisation, member in national and international scientific groups
- From 03.09.2004 To 17.12.2004
 - Employer's name and address
Royal Military College of Science / Cranfield University, Shrivenham, UK
 - Type of business or sector
Scientific Research work
 - Occupation or position held
Researcher
 - Main activities and responsibilities
Handgun dynamic computer simulations, experimental work regarding ballistic powders and guns's behavior when fire. Stage supervisor: Dr. J P Hazell, Prof. Derek Allsop
- From 01.01.2001 To 01.10.2004
 - Employer's name and address
Active Force (former Rapid Reaction Force) / 81 Mechanized Brigade, Bistrița
 - Type of business or sector
Logistics, Maintainance, Acquisitions
 - Occupation or position held
Head of Logistic Department (2002-2004 interrupted for master studies)
 - Main activities and responsibilities
Coordinator of weapons and ammunition office

EDUCATION

- From 2003 To 2008
 - Name and type of organization providing education
Military Technical Academy, Bucharest
Integrated Armament Systems Department
 - Principal subjects/occupational skills covered
PhD studies in mechanical engineering / Interior ballistics; Weapon dynamics; Armament systems qualification; 3D simulation of armament systems; Acoustics characteristics of armament systems
 - Title of qualification awarded
PhD in Mechanical Engineering

- From 2006 To 2008
 - Name and type of organization providing education
POLITEHNICA University, Bucharest
 - Title of qualification awarded
Biotechnical Systems Engineering Department
Master Diploma
- From 2002 To 2004
 - Name and type of organization providing education
Military Technical Academy
 - Title of qualification awarded
Armament, Rockets and Ammunition Department
Master Diploma
- From 07.12.2009 To 10.12.2009
 - Name and type of organization providing education
Naval Postgraduate School, Monterey, California / Military Technical Academy, one week course in MTA
 - Title of qualification awarded
Diploma / *Life Cycle Management of Armaments Projects*
- From 28.09.2009 To 30.09.2009
 - Name and type of organization providing education
Universidade Nova de Lisboa, Faculdade de Ciências e Tecnologia / Military Technical Academy, one week course in MTA
 - Title of qualification awarded
Certificate / *Fundamentals of Axiomatic Design*
- From 11.11.2006 To 11.12.2006
 - Name and type of organization providing education
POLITEHNICA University, Bucharest
 - Title of qualification awarded
Advanced Technologies Centre for New Materials
Certificate / *LabVIEW programming of data acquisition systems*
- From 1992 To 1998
 - Name and type of organization providing education
Military Technical Academy
 - Title of qualification awarded
Armament, Rockets and Ammunition Department
Licence Diploma / Mechanical Engineering

LINGUISTIC SKILLS**NATIVE LANGUAGE**

Romanian

- reading
- writing
- speaking

English	French	Russian	Czech
C1	C1	B1	B1
C1	B2	A2	A1
C1	B2	A2	A1

SCIENTIFIC RESEARCH SKILLS AND COMPETENCES

- Member in international project *Environmentally Responsible Munitions* ERM TA - B0423-GEM2-ERG, European Defense Agency, 2010-2012, 2.210.000 Euro. Participants: UK, NO, NL, FR, RO;
- Project director for 2 scientific research project, national competition, 500 000 Euro each;
- Project director or member in 25 scientific projects MoD or industry;
- 40 papers in national and international journals/conferences;
- 5 papers in ISI indexed conferences, 1 abstract in ISI journal, impact factor 6,411;
- 2 published books

ORGANIZATIONAL SKILLS AND PROFESSIONAL RELATIONS

- Member in working international groups of experts (European Working Group in Non Lethal Weapons, EDA groups and NATO/STO); chairman in international conferences;
- Qualification activities and experimental projects with ammunition and explosives;
- Technical consultancy for weapons and ammunition;
- Peer review for scientific papers published in *MTA Review*

