

Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **ALEXEI Adrian - Mihai**
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E-mail alexei_adrian@hotmail.com
Nationality Romanian
Date of birth 07.10.1972
Gender Male

Work experience

<p>Dates</p> <p>Occupation or position held</p> <p>Main activities and responsibilities</p> <p>Name and address of employer</p> <p>Type of business or sector</p>	<p>04.2022 – present</p> <p>Head of Research and Innovation Center for Armaments.</p> <p>Management of R&D activities based on project, for the benefit of the force categories.</p> <p>Military Equipments and Technologies Research Agency</p> <p>Scientific Research. Defense and Security.</p>
<p>Dates</p> <p>Occupation or position held</p> <p>Main activities and responsibilities</p>	<p>08.2017 – 04.2022</p> <p>Acting Scientific Deputy. Head of Aerospace Information Systems.</p> <p>Supporting Head of Center in the development of annual R&D Plan. Organizing scientific activities. Managing activities for all 26 members of the Section. Managing research projects. Working also as member in different research teams involved in Defense and Civil Research Project. Managing and participation to joint research teams for developing dedicated software applications for the armed forces. Member of the Scientific Council of the Armaments Test and Evaluation Scientific Research Center. Design and implementation of a geospatial database (data processing through GIS and remote sensing). Design and implementation in the field of UAV (command and control software; hardware and software for autopilot)</p>
<p>Name and address of employer</p> <p>Type of business or sector</p>	<p>Military Equipments and Technologies Research Agency</p> <p>Scientific Research. Defense and Security.</p>
<p>Dates</p> <p>Occupation or position held</p> <p>Main activities and responsibilities</p>	<p>02.2017 – 07.2017</p> <p>Commander – General Director</p> <p>Management of scientific research activities. Planning, organizing and coordinating/managing the activities of subordinate structures and departments.</p>
<p>Name and address of employer</p> <p>Type of business or sector</p>	<p>Military Equipments and Technologies Research Agency</p> <p>Scientific Research. Defense and Security.</p>
<p>Dates</p> <p>Occupation or position held</p>	<p>09.2010 – 01.2017</p> <p>Scientific Researcher II. Head of Aerospace Information Systems</p>

Main activities and responsibilities	Managing activities for all 26 members of the Section. Managing research projects. Working also as member in different research teams involved in Defense and Civil Research Project. Managing and participation to joint research teams for developing dedicated software applications for the armed forces. Member of the Scientific Council of the Armaments Test and Evaluation Scientific Research Center. Design and implementation of a geospatial database (data processing through GIS and remote sensing). Design and implementation in the field of UAV (command and control software; hardware and software for autopilot)
Name and address of employer	Military Equipments and Technologies Research Agency
Type of business or sector	Scientific Research. Defense and Security.
Dates	09.2008 – 09.2010
Occupation or position held	Scientific Researcher II. Project Manager.
Main activities and responsibilities	Managing research projects. Working also as member in different research teams involved in Defense and Civil Research Project.
Name and address of employer	Military Equipments and Technologies Research Agency
Type of business or sector	Scientific Research. Defense and Security.
Dates	04.2004 – 08.2008
Occupation or position held	Scientific Researcher III. Project Manager.
Main activities and responsibilities	Managing research projects. Working also as member in different research teams involved in Defense and Civil Research Project.
Name and address of employer	Military Equipments and Technologies Research Agency
Type of business or sector	Scientific Research. Defense and Security.
Dates	05.1998 – 03.2004
Occupation or position held	Scientific Researcher.
Main activities and responsibilities	Working as member in different research teams involved in Defense and Civil Research Project.
Name and address of employer	Military Equipments and Technologies Research Agency
Type of business or sector	Scientific Research. Defense and Security.
Dates	05.1997 – 04.1998
Occupation or position held	Scientific Researcher.
Main activities and responsibilities	Working in different research teams involved in Defense Research Project.
Name and address of employer	Military Topographical Department
Type of business or sector	Scientific Research. Defense and Security.

Education and training

Dates	12.1999 – 06.2007
Title of qualification awarded	Doctor of Philosophy
Principal subjects/occupational skills covered	Thesis Title: "Contributions on semiautomatic digital cartographic data collection"
Name and type of organization providing education and training	Military Technical Academy
Dates	02.2011
Title of qualification awarded	Certificate of Achievement
Principal subjects/occupational skills covered	Algorithms for aerospace image interpretation
Name and type of organization providing education and training	GEO ARC
Dates	09.2010
Title of qualification awarded	Certificate of Achievement
Principal subjects/occupational skills covered	Aerospace image processing

Name and type of organization providing education and training	GEO ARC
Dates	08.2007
Title of qualification awarded	Certificate of Achievement
Principal subjects/occupational skills covered	Modeling languages for spatial data
Name and type of organization providing education and training	C&C Topoexim
Dates	10.2006
Title of qualification awarded	Graduation Certificate
Principal subjects/occupational skills covered	Network security
Name and type of organization providing education and training	Military Technical Academy
Dates	03.2006
Title of qualification awarded	Certificate
Principal subjects/occupational skills covered	NATO-RTA Training Course - Remote Sensing and Geographic Information Systems for Integrated Marine-Coastal Management
Name and type of organization providing education and training	NATO Agreed Specialist, Bucharest, Romania
Dates	06.2005
Title of qualification awarded	Graduation Certificate
Principal subjects/occupational skills covered	Modeling software solutions using UML
Name and type of organization providing education and training	Informatics Preparation Centre
Dates	10.2003 – 12.2003
Title of qualification awarded	Graduation Certificate
Principal subjects/occupational skills covered	Technical systems management for diplomat engineer officers in the branch of "Artillery"
Name and type of organization providing education and training	Military Technical Academy
Dates	03.2003 – 04.2003
Title of qualification awarded	Graduation Certificate
Principal subjects/occupational skills covered	Oracle Database Introduction
Name and type of organization providing education and training	RomSys
Dates	09.2001
Title of qualification awarded	Graduation Certificate
Principal subjects/occupational skills covered	Lotus Domino R5
Name and type of organization providing education and training	SoftNet Development
Dates	07. 2001 – 08.2001
Title of qualification awarded	Graduation Certificate
Principal subjects/occupational skills covered	Aerospace Imagery Analysis for Military Operators Course

Name and type of organization providing education and training	Military Technical Academy / GDTA
Dates	11.2000
Title of qualification awarded	Graduation Certificate
Principal subjects/occupational skills covered	Object Oriented Programming
Name and type of organization providing education and training	Informatics Preparation Centre
Dates	09.2000
Title of qualification awarded	Graduation Certificate
Principal subjects/occupational skills covered	Unix
Name and type of organization providing education and training	Informatics Preparation Centre
Dates	03. 1999 – 07.1999
Title of qualification awarded	University Post Graduate Diploma
Principal subjects/occupational skills covered	Management for diplomat engineers officer in the branch of “Military Geographic Information Systems”
Name and type of organization providing education and training	Military Technical Academy
Dates	08.1991 – 05.1997
Title of qualification awarded	Bachelor of Science in Geodesy
Principal subjects/occupational skills covered	University Preparation
Name and type of organization providing education and training	Military Technical Academy

Personal skills and competences

Mother tongue(s) **Romanian**

Other language(s) **English**

Self-assessment
European level ()*

English

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B2	Independent User	B2	Independent User	A2	Basic User	B1	Independent User	B1	Independent User

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

Social skills and competences Good team work and communication abilities.

Technical skills and competences Capable to understand phenomena and situations that have a technical character, specially the ones from UAV, Geographic Information Systems, Informatics and Mathematic fields regardless their character (theoretical or practical). Capable to learn and use any software in a short period of time.

Organizational skills and competences During my activities I contributed to the organization of different workshops, exhibitions and conferences

Computer skills and competences Programming competences: Delphi, C++, Assembler, Visual Basic, UML
Microcontroller programming: ATmel, PIC
GIS software's: ArcGIS, ArcGIS Server, Autocad Map
Database software: Oracle, SQL Server
Remote sensing software's: ERDAS 9, ENVI 4.2, Socet Set
GPS software: Trimble Total Control, Pinnacle 1.0
Competent with most Microsoft Office programmers

Other skills and competences	Mathematical algorithms, programming algorithms, ability to programming
Driving license	Romanian drivers license. Category B and C vehicles.
Additional information	<p>Reference available on request</p> <ul style="list-style-type: none"> • over 45 research programs and grants (Managing 20 research projects) • 37 papers presented at national and international conferences and symposiums • 15 articles published in national and international scientific magazines • 1 books published in Romania