



Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **First name(s) Surname(s) Ion- Alexandru MECA**
Address(es) No 18, Timisoara ,520000, Jud Timis, Romania
Telephone(s) +40724048629
E-mail meka_ion_alex@yahoo.com
Nationality Romanian
Date of birth 10.08.1984
Gender Male

Desired employment / Occupational field **Senior Software Developer Consultant, GIS programming, Geoinformatics, Geodesy, Cartography, GIS analyst**

Work experience

16+ Years

Dates October 2019 - present

Occupation or position held Teaching assistant/Associate Professor

Main activities and responsibilities Teaching Data Science in Industry, Python programming and Spatial Databases

Name and address of employer

WEST UNIVERSITY OF TIMISOARA, FACULTY OF COMPUTER SCIENCE AND MATHEMATICS

Dates March 2020 - present

Occupation or position held Discipline Lead (Manager) ML (Principal Senior Developer Consultant)

Main activities and responsibilities Java & Python Full Stack developer + databases

Responsibilities: Team Lead, Technical Lead, Design Lead, Community Lead, Discipline Lead, Business winning & Pre-sales.

Name and address of employer

ENDAVA

Dates February 2019 – March 2020

Occupation or position held Software developer

Main activities and responsibilities Java & Python Full Stack Web developer + databases

Responsibilities: Team leader

Name and address of employer

BLUEMATRIX

Dates October 2015 – February 2019

Occupation or position held Software developer

Main activities and responsibilities Microsoft Full Stack Web developer + databases

Responsibilities: Team leader

Name and address of employer

Saguaro Technology – RICOH USA

Type of business or sector	Printing, Programming in printing industry
Dates	January 2014 – October 2015
Occupation or position held	Software developer - PFA – free lancer
Main activities and responsibilities	Databases programming with VB.NET, C# and ASP.NET Responsibilities: Software developer
Name and address of employer	ION Projects, Belgium
Type of business or sector	Industry, Programming in industry domain
Dates	July 2013 – December 2013
Occupation or position held	Software developer
Main activities and responsibilities	Databases programming with VB.NET, C# and ASP.NET Responsibilities: Web developer with: ASP.NET MVC, C# .NET, VB.NET, JavaScript, jQuery, JSON, AJAX, HTML5, CSS, MS SQL Server 2012, SSRS, Xpath, XML
Name and address of employer	S.C MULTIBASE- NOVIMENT, TIMISOARA
Type of business or sector	Industry, Programming in industry domain
Dates	October 2012- June 2013
Occupation or position held	Software developer
Main activities and responsibilities	GIS Programming, Spatial Databases, ORACLE, MS SQL Server, With Vb.Net, C# And Asp.Net, Autodesk Infrastructure Server Web GIS, MapGuide, Python scripting Responsibilities: Software developer
Name and address of employer	S.C BLACKLIGHT S.R.L, TIMISOARA
Type of business or sector	Industry, Programming in industry domain
Dates	November 2011 – October 2012
Occupation or position held	Software developer
Main activities and responsibilities	Databases programming with VB.NET, C# and ASP.NET Responsibilities: Software developer
Name and address of employer	S.C SCHAEFFLER ROMANIA S.R.L, BRASOV
Type of business or sector	Industry, Programming in industry domain
Dates	July 2008 – October 2011
Occupation or position held	Engineer
Main activities and responsibilities	Topography, Cadaster, GIS, Territorial planning, Urban planning, Forest cadaster, GIS programming, Geoinformatics Responsibilities: Head of GIS department, Internal GIS trainer, Bentley trainer
Name and address of employer	S.C. GEODIS ROMANIA - Brasov, Str. Tampei, No 8, 500283, Romania
Type of business or sector	GIS, Cadaster, Topography
Dates	July 2006 – July 2008
Occupation or position held	Forestry technician
Main activities and responsibilities	ground measurements, GIS, surveying, ecological reconstruction, Forest planning and management. Responsibilities: GIS computer field, Python scripting for automation on GIS

Name and address of employer Type of business or sector	S.C Forest Design S.R.L – Brasov, Str: Magnoliei, No 4, 500382, Brasov, Romania Forestry
Education and training	
Dates	2019- present
Title of qualification awarded	PhD program on Machine Learning, Computer Science
Principal subjects/occupational skills covered	MACHINE LEARNING TECHNIQUES FOR VEGETATION CLASSIFICATION BASED ON HIGH RESOLUTION DATA AND LIDAR
Name and type of organisation providing education and training	Faculty of Mathematics and Computer Science - West University of Timisoara, Timisoara
Dates	2012- 2014
Title of qualification awarded	Master's degree, Software engineering
Principal subjects/occupational skills covered	UML, Software engineering, Software Architecture, Programming, Computing, User Interface Design, Workflow Technologies
Name and type of organisation providing education and training	Faculty of Mathematics and Computer Science - West University of Timisoara, Timisoara
Dates	2009- 2013
Title of qualification awarded	Computer programmer
Principal subjects/occupational skills covered	computers, objects programming, multimedia technologies, databases, operating systems, computer networks.
Name and type of organisation providing education and training	Faculty of Mathematics and Computer Science - Transilvania University of Brasov
Dates	2010- 2011
Title of qualification awarded	Entrepreneur
Principal subjects/occupational skills covered	logistics management, financial analysis firm, business plans, marketing, project management; Business communication tecnics; Technics of business negotiation
Name and type of organisation providing education and training	Faculty of Technological Engineering and Industrial Management
Dates	2003-2008
Title of qualification awarded	Forestry engineer
Principal subjects/occupational skills covered	Forestry, Dendrometry, Topography, Ecology, Mathematics, Computer sciences.
Name and type of organisation providing education and training	Faculty of Silviculture and Forestry Engineering - Transilvania University of Brasov
Dates	1999 - 2003
Title of qualification awarded	Forestry technician
Principal subjects/occupational skills covered	Forestry, Dendrometry, Topography, Ecology, Mathematics, Computer sciences.
Name and type of organisation providing education and training	Technical Forestry College of Ramnicu Valcea
Personal skills and competences	Good team working skills, self-taught person, resistant of long sustained effort.

Mother tongue(s) Romanian language

Other language(s)

Self-assessment

European level (*)

English

French

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

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

Social skills and competences

communicative, sociable, able to work in teams

Organisational skills and competences

Communities leading, Problem solving, Leadership, Adaptability, Communication, Teamwork, Critical thinking

Technical skills and competences

Programming full stack with Python, Java, C#, database programming: MS SQL Server, PostgreSQL, Oracle, MySQL, Spatial Databases, GIS, WebGIS, Web development, Agile, Scrum.

Research and competitions

Dates 2002

Title of competition

National Forestry Competition

Qualification obtained

the 4th place

Name and type of organisation providing education and training

Ministry of Education, Research, Youth and Sport

Dates 2003

Title of competition

National Forestry Competition

Qualification obtained

the 3rd place

Name and type of organisation providing education and training

Ministry of Education, Research, Youth and Sport

Dates 2006

Research project

Life Nature 2000

Occupation or position held

Cartographer

Main activities and responsibilities

Scientific description of habitats, GPS measurements, GIS of protected areas

Name and type of organisation providing research project

Faculty of Silviculture and Forestry Engineering - Transilvania University of Brasov

International certificate

Certification number

PCEP – Certified Entry-Level Python Programmer – Python Institute

Certificate

<https://verify.openedg.org/?id=oyY0.ggoL.fLFj>

Certification number

IT MANAGEMENT / CERTIFIED IT MANAGER

International certificate

020016

Certification number

International Microsoft certificate: Windows Development Fundamentals

International certificate

E432-3739

Certification number

International Microsoft certificate: Software Development Fundamentals

International certificate

E422-2714

Certification number

International Microsoft certificate: Web Development Fundamentals

International certificate

F347-1640

Certification number

International Microsoft certificate: Database Fundamentals

International certificate

F210-9508

Microsoft International Certified Professional

Certification number	E422-2715
Certified Professional Transcript	https://mcp.microsoft.com/authenticate/validatemcp.aspx Transcript ID: 1117374 Access Code: 10346732
Driving licence	European car license for category B