

Europass curriculum vitae



Personal information

Surname(s) / First name(s) **Marina Liviu - Alexandru**
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E-Mail marina_liviu2006@yahoo.com
Nationality(-ies) Romanian
Date of birth 31.10.1987
Gender Male

Work experience

Dates	SINCE FEBRUARY 2015
Occupation or position held	C++ Software Engineer
Main activities and responsibilities	<ul style="list-style-type: none">- Develop a machine learning platform for RnD purposes- Develop new functionalities for automotive navigation software- Maintain the already developed software modules- Update the client documentation when is necessary- Document the changes into the code- Provide training and support for new team members- Participate to planning and reviews meetings- Code reviews- Write unit and integration tests- Programming languages: C++, Python- Tools: MS VS, SVN, CMake, Jira, Jenkins, Crucible, Valgrind, VM, Qt Creator, SQLite, EA
Name and address of employer	Elektrobit Romania., Brasov
Dates	SEPTEMBER 2014 – FEBRUARY 2015
Occupation or position held	C++ Software Engineer
Main activities and responsibilities	<ul style="list-style-type: none">- Develop new functionalities for a software used in pharmaceutical industry- Maintain the already developed software modules- Update the client documentation when was necessary- Document the changes into the code- Code reviews

- Write unit and integration tests
- Programming languages: C++
- Tools: MS VS, SVN, CMake, Jira, Jenkins, Crucible, VM, SQLite, EA

Name and address of employer

Waters Romania., Brasov

Dates

NOVEMBER 2010 – SEPTEMBER 2014

Occupation or position held

Automation Engineer

Main activities and responsibilities

- Participate to launch new production lines (programming and diagnose)
- Develop PLC, HMI and machine vision software for the new production lines.
- Develop software for machine vision systems (Cognex, IFM)
- Modify software for PLC (Siemens, Vipa), machine vision systems (Cognex, IFM), HMI (Siemens, Proface) to improve the production lines
- Siemens PLCs and Cognex vision systems training for maintenance
- Develop and debugging traceability programs
- Installing traceability computers
- Configuration of peripheral devices (printers, scanners)
- Configuration and programming motor controllers (Baldor, Omron)
- Advise for modifying process flows to improve lines
- Support maintenance for automation improvement in serial production
- Traceability documentation for production

Name and address of employer

AUTOLIV ROMANIA S.R.L., Brasov

Dates

AUGUST 2008 – NOVEMBER 2010

Occupation or position held

IT Support/Engineer

Main activities and responsibilities

Installing and maintaining operating systems on the workstations, installing various applications, database administration, and development of cadastral projects with Bentley PowerMap platform design. Another responsibility was to manage the projects related to cadastral digitalization.

Name and address of employer

S.C. Geodis Romania S.R.L., Brasov

Education and Training

Dates

SINCE OCTOBER 2015

Studies

PhD

Title of qualification awarded

Name and type of organization providing education and training

“Transilvania” University of Brasov, “Systems Engineering” Side of the “Electrical Engineering and Computer Science” Faculty.

Dates

OCTOBER 2010– JULY 2012

Studies

Master

Title of qualification awarded

Master’s Degree/ Diploma obtained with the project “ The control system of a volumetric dosing station”, under the guidance of Prof. Dr. Vasile Comnac.

Name and type of organization providing education and training

“Transilvania” University of Brasov, “Advanced Systems in Automatics and Informatics Technologies” Side of the “Electrical Engineering and Computer Science” Faculty.

Dates	OCTOBER 2006 – JULY 2010
Title of qualification awarded	Bachelor's Degree/ Diploma obtained with the project "Study, Design and Simulation of Robust Control Systems Applied in Technical Processes", under the guidance of Prof. Dr. Vasile Comnac.
Name and type of organization providing education and training	"Transilvania" University of Brasov, "Automatics and Applied Informatics" Side of the "Electrical Engineering and Computer Science" Faculty.

Dates **DECEMBER 2013**
Principal subjects/Occupational skills covered Basic Omron SCARA Robots and Servomotors Training
Name and type of organization providing education and training AB Industry Poland

Dates **SEPTEMBER 2011**
Principal subjects/Occupational skills covered Training for traceability program, Trace and Paradox
Name and type of organization providing education and training Autoliv France

Dates **FEBRUARY 2011**
Principal subjects/Occupational skills covered Programming Vision Systems
Name and type of organization providing education and training Cognex, Budapesta

Dates **OCTOBER 2010**
Principal subjects/Occupational skills covered CISCO, CCNA 1 & 2
Name and type of organization providing education and training Cisco Networking Academy

Dates **SEPTEMBER 2002 – JULY 2006**
Title of qualification awarded Computer Driver and Programming Analyst certificated.
Name and type of organisation providing education and training "Simion Stolnicu" High School of Comarnic, Prahova, Informatics Side.

Personal skills and competences

Mother tongue(s)

Other language(s)

Self-assessment

European level ()*

Romanian

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	

English	Excellent	Excellent	Excellent	Excellent	Excellent
French	Basic	Basic	Basic	Basic	Basic
German	Basic	Basic	Basic	Basic	Basic

Social skills and competences

Easy adaptation to the collective, teamwork, flexibility, creativity, potential for understanding and assimilation of new knowledge.

Organisational skills and competences

The job during the faculty made me become a well-organized person because I had to manage my time for optimal results both in college and at work.

Technical skills and competences

Knowledge and understanding of equipments behavior (like HW & SW); Good knowledge in hardware's PCs, automations and electrical installations.

Computer skills and competences

- Programming skills: C and C++(advance), C#(medium), Java (beginner), Python(beginner), National Instruments CVI (advanced), Pascal (beginner), MatLab (medium), Machine Learning;
- Database: MySql(medium), Microsoft Sql Server (beginner);
- Advance knowledge in Visual Studio, Software Development, Software Testing, Scrum Methodology.
- Advanced knowledge about PLC programming: Step7 Manager, WinCC, ProTool;
- CISCO configuration (CCNA1 & 2 level);
- Microsoft Office: Word, Excel, PowerPoint, Access;
- AutoCAD, Bentley.

Driving licence(s)

B category, since 07.09.2006.

Additional information

In 2010 I participated to the Scientific Session, with the studies "Robust Control Systems. Linear Quadratic Gaussian Control" and "Smith Predictor for Hybrid Remote Control Systems" .

In 2006 I participated to a programming training at "Ipsos Interactive Services".