Alexandru Marincu

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in linkedin

○ github

EXPERIENCE

SW Team Leader

🏛 *Continental Automotive, Timișoara (Romania)*

🗓 *SEP 2022 - PRESENT*

Scrum Master

🏛 *Continental Automotive, Timișoara (Romania)*

🗓 *JAN 2021 - PRESENT*

- Scrum master role in one of the teams working on the tachograph device software;
- Project level metrics;
- Involvement in JIRA workflow setup.

Embedded Software Developer

🏛 *Continental Automotive, Timișoara (Romania)*

🗓 *DEC 2017 - PRESENT*

- Develop new features / investigate and fix bugs in software for tachograph devices.

★ *Tools*

C | C

K | KOTLIN

🐍 | PYTHON

GIT

GITHUB

VSCODE

LINUX

ANDROID

🖥 *Projects*
- Cbject
- Tiva playground
- Hacker Calculator
- Pocket Songbook

🎖 *Certifications*
- Certified Scrum Master

🗺 *Languages*
- Romanian (native)
- English (advanced)

Software Developer Trainee

🏛 *Continental Automotive, Timișoara (Romania)*

🗓 *SEP 2017 - DEC 2020*

Intensive training in embedded software development with the following topics:

- Embedded software development know-how;
- C programming;
- Integrated analog and digital circuits;
- Microcontrollers;
- Software development process.

Structural Engineer

🏛 *Sellm, Timișoara (Romania)*

🗓 *MAY 2015 - SEP 2017*

- Structural design and analysis of civil and industrial buildings;
- Technical documentation and calculation reports;
- Technical drawings;
- On-site engineering.

Junior Engineer

🏛 *Incontro Prefabbricati, Timișoara (Romania)*

🗓 *MAY 2015 - SEP 2017*

- On-site engineering;
- Reports of activity on construction site;
- Measurement Books for Bill of Quantities, Material Approval Forms and Method of Statement about the works done on construction site;
- Presenting and discussing the above-mentioned documents with consultants of the client;
- Updating the project planning according to the situation on-site.

Structural Engineer

🏛 *Freelancing*

🗓 *JAN 2014 - PRESENT*

• Collaborations with different building design engineering firms;
• Structural design and analysis of civil and industrial buildings;
• Technical documentation and calculation reports;
• Technical drawings.

Research Assistant

🏛 *Polytechnic University, Timișoara (Romania)*

🗓 *DEC 2013 - JUN 2014*

• Research involving the prequalification of beam-to-column joints for multi-story steel structures;
• Development of analysis models using OpenSees software, Tcl programming language, and SIMULIA Abaqus FEA software;
• Statistical analysis of data using R programming language and Matlab.

Erasmus placement during Masters Degree

🏛 *Federico II University, Naples (Italy)*

🗓 *JUL 2013 - SEP 2013*

• Structural design and analysis of steel multi-story buildings;
• Seismic performance assessment of steel moment-resisting frames having rigid full-strength or semi-rigid partial-strength joints;
• Development of analysis models using OpenSees software, Tcl programming language, and SAP2000 software;
• Statistical analysis of data using the R programming language.

Structural Engineer

🏛 *Cimam, Timișoara (Romania)*

📅 *SEP 2012 - MAY 2013*

- Structural design and analysis of civil and industrial buildings;
- Technical documentation and calculation reports;
- Technical drawings.

EDUCATION

Master of Science - Advanced Design of Steel and Composite Structures

🏛 *Polytechnic University, Timișoara (Romania)*

📅 *2012 - 2014*

Bachelor of Science - Civil Engineering

🏛 *Polytechnic University, Timișoara (Romania)*

📅 *2008 - 2012*

Computer programmer and operator

🏛 *Grigore Moisil High School, Timișoara (Romania)*

📅 *2004 - 2008*

Mathematics & IT

COURSES

Certified Scrum Master

🏛 *learningconnexions.com - Colin Bird, Jem Jelly*

📅 *OCT 2020*

Agile methodology, Scrum guide, preparation for Certified Scrum Master exam.

Design Patterns

🏛 *memIQ - Dorin Mancu*

📅 *DEC 2019*

Object-oriented design principles.

The Complete Android Oreo Developer Course

🏛 *udemy.com - Rob Percival, Nick Walter*

📅 *2018*

A course about Android App Development.

Introduction to Computer Science

🏛 *edx.org - Harvard University*

📅 *2017*

C programming, Python, introduction to HTML, CSS, SQL.

Computing for Data Analysis

🏛 *coursera.org - Johns Hopkins University*

📅 *2012*

Introduction to R programming and data analysis.

Others

• PCM (Process Communication Model)

• Unit Testing