

Alin Rus El-Hassaina

Personal Information

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Education

03/10/16 to 01/07/18 **Intelligent Electronic Systems Master**
Faculty of Electronics and Telecommunications, Timisoara
- Master's degree.
- Diploma project: 'Sistem de localizare prin GPS'.
20/09/12 to 01/07/16 **Applied Electronics Bachelor**
Faculty of Electronics and Telecommunications, Timisoara
- Hardware engineer degree.
- Diploma project: 'SISTEM DE MONITORIZARE LA DISTANTA A UNUI VEHICUL SPORT'.
15/09/08 to 01/06/12 **Mathematics-Informatics High School**
'Liceul Grigore Moisil' High School, Timisoara
- Developed software programming skills and learn C/C++ basic programming.

Professional experience

01/05/22 to Present **Software Developer**
Software and Central Technologies, Continental Corporation, TSR
- Developing a Platform for Software-defined Vehicles, CAEdge Framework.
- In the spotlight: Python, Amazon Web Services, Cloud and OOP programming
01/07/16 to 30/04/22 **Hardware Engineer**
Passive Safety & Sensoristics Department, Continental Corporation, TSR
16/02/15 to 30/06/16 **Internship, Half-time**
BU Engine Systems Department, Continental Corporation, TSR
Talents Academy Program, Production Area, Continental Corporation, TSR
Quality Department, SC. AEM SA, Timisoara

Extracurricular activities

2017 to present **Software learning using different courses and developing personal projects**
Knowledge tracking on personal website and github account.
- Python Courses on Udemy.
- Essentials Java 1, 2 & 3 at Savnet Training Center (Timisoara).

- Java Spring Framework 5 on Udemey

2016 to 2017 **Formula SAE Hungary & Formula Electric Hungary 2017, competition**
Formula SAE Italy & Formula Electric Italy 2016 & 2017, competition
Formula Student is a student engineering competition. Student teams from around the world design, build, test, and race a small-scale formula style racing car.

- Part of the first team of students from UPT that managed to build a Formula SAE race car and participate to competition.
- Electric department leader, responsible to coordinate the team.

2015 **ProKaTim**
Signal Processing Karlsruhe - Timisoara (ProKaTim). Students from both universities work on a project in mixed teams.

- Project: Single Side Band modulation and demodulation.

Skills

Technical skills and competences

- Software, OOP programming, Python, AWS, MySQL, API Endpointst and Data Management knowledge developed from current job.
- Software & JAVA programming knowledge from High School, self-learning and Essentials Java 2 & 3 course (SAVNET Training Center).
- Electronic design and testing process skills from job experience, faculty & master.
- Mechanical knowledge form Formula Student project.

Organisational skills and competences

- I had improved a lot of skills and competences through my involvement in different extracurricular activities and from work experience.
- Had the opportunity to interact with many people with different passions, thoughts and different cultural backgrounds.
- Gained a lot of experience in team working.
- Developed a high sense of responsibility and a high spirit of observation.
- Ability to assimilate very quick new information and skills.
- Ability to adapt to different situation.
- Ability to manage time properly to achieve a task.
- I'm an innovative and creative person with a positive attitude, every time trying to improve working methods.
- Have a constantly desire to learn new things and to take over challenges.

Computer skills and competences

- Python, AWS, Cloud, MySQL, REST API's, Git, Java, C/C++, Maven, Spring Boot
- Tools: PyCharm, Eclipse, Spring Tool, GitHub Desktop, DBeaver, DbVisualizer, PostgreSQL, Postman.