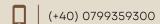# HALMAGHI ALEXANDRA-MARIA

STUDENT

My greatest qualities are seriousness and perseverance.I enjoy adapting to new environments, working in teams, and welcoming challenges, particularly in handling unforeseen situation. My ability to quickly adapt to new situations and find efficient solutions helps me contribute significantly to complex projects. My perspectives are now focused on consolidating a successful career. I'm seeking experience in the IT field.

Contact ✉

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📍 | Brașov

in | Halmaghi Alexandra-Maria

GitHub | HalmaghiAlexandraMaria

Education 🎓

- 🎓"Radu Negru" National College
  2017-2021
  Făgăraș, Jud. Brașov (Romania)

- 👩‍💻Student at the Faculty of Electrical Engineering and Computer Science. 💻Study program: Technologies and telecommunications systems.
  2021 - in progress (4rd year student)
  Brasov

Skills 💡

- C++/c#
- JAVA
- Spring Boot
- Verilog
- Python
- PHP
- HTML/CSS
- SQL
- Operating System
- AutoCAD

- ☑ Organized
- ☑ Communication
- ☑ Teamwork
- ☑ Meeting deadlines
- Assembly language
- Microsoft Office
- MatLab/LabVIEW
- OrCAD

Experience

Capgemini Engineering Brasov
Capgemini . Summer practice   08.07.2024 -26.07.2024

In this practice, I learned the Verilog description of a VGA Driver for the purpose of generating images. I gained hands-on experience in digital circuit design and display technologies, demonstrating my ability to develop and implement hardware solutions in Verilog.

Java Explorer
Digital Nation · Apprenticeship   Sep 2023 - Jan 2024

As a proud alumni of Generația Tech, a national program for IT & digital skills development in partnership with top companies in Romania, I gained comprehensive knowledge in Java through the Java Explorer course. This included learning fundamental concepts like data structures, annotations, and exception handling, as well as advanced topics such as Spring Network, Spring Boot, REST, ORM, JDBC, JPA, and microservices.

Notable Projects

AFCO 2024- "Sistem de monitorizare inteligentă a traficului de la distanță."

I am proud to have been given the opportunity to participate in AFCO 2024 organized by Transilvania University of Brașov alongside my colleagues. Our project consisted of monitoring traffic using drones that will fly over, detecting drivers under the influence of psychoactive substances, namely alcohol, with the aim of significantly reducing traffic accidents.

A-Seamless-Integration-of-Microservices-and-IoT(python)

The project combines microservices development with IoT, creating a client-server application that collects and provides data from sensors via HTTP/HTTPS and MQTT.

- There are more project on my GitHub

Language

English (B2)   Romanian(Native)   French (A1)