



Lazăr Maria

Student



Profile

I am a second year student with a passion for electronics and computer engineering. I am eager to broaden my knowledge in both fields. I am seeking a summer school position or an internship opportunity to gain practical experience and contribute to different projects while enhancing my skills in programming and digital integrated circuits design. As a quick learner with excellent problem-solving abilities, strong communication skills and a collaborative mindset, I am confident in my ability to adapt swiftly to new challenges and technologies.



Education

Present
↑
2022

Faculty of electronics telecommunications and information technology

University POLITEHNICA of Bucharest

Pursuing a Bachelor's Degree in Computer Science

Relevant courses:

- Digital Integrated Circuits
- Object Oriented Programming
- Microprocessor Architecture
- Data Structures and Algorithms

2022
↑
2018

"Matei Basarab" High School

Mathematics and Informatics



Skills

Programming Languages:

Verilog, C/C++, Python, SQL, HTML

Developer Tools:

Vivado, Android Studio, MySQL, JSON, Autodesk Inventor

Frameworks:

Flask



Projects

Present

Arduino Car

This project involves the development of an Arduino car capable of moving in four directions. The primary focus was on the hardware components and their integration. Key elements include an Arduino microcontroller, a motor driver, DC motors, wheels, and a chassis. The motors are connected to the motor driver, which is controlled by the Arduino to manage the movement directions. The project aims to create a versatile, programmable robotic car, serving as a foundational platform for further enhancements and applications in robotics.



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GitHub

L-Maria



Soft Skills

- Communication Skills
- Teamwork and Collaboration
- Adaptability and Flexibility
- Attention to Detail
- Problem Solving
- Critical Thinking



Languages

English

C2 level

French

A1 level

2024



Python Project

Developed a web application using Python and Flask that uses AI to generate custom text based on user-defined parameters submitted via an online form. The application integrates a machine learning model to dynamically create content tailored to specific inputs, showcasing my skills in AI, web development and user interface design.

2021



Technovation Girls

I designed and created a mobile application in Android Studio using Kotlin as the programming language while also learning about UI and UX design. I had the opportunity to collaborate with a Software Development Engineer at Adobe Target and a Senior Machine Learning Engineer at Cisco Systems