

PETRE ANA-MARIA

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ROMANIA, BUCHAREST

I am currently pursuing a degree in electronic engineering, telecommunications, and information technology. When approaching a task, I strive to identify the most efficient methods and endeavor to present the best version of myself in my work.

EDUCATION

Currently, 2022-2026 **POLITEHNICA Bucharest National University of Science and Technology**
Faculty of Electronics, Telecommunications and Information Technology

My specialization has provided me with extensive knowledge in both analog and digital electronics, hands-on experience and developed strong time management skills. As a class representative, I have acquired coordination skills and the ability to manage pressure and people effectively.

EXPERIENCE

JUL 2022 – OCT 2022 **Conectys, Global BPO, Bucharest**
Operator

I had the opportunity to work together with the team, to share our tasks and to discuss together all the difficulties in order to make the work more efficient. I interacted with clients, trying to solve their problems in a timely manner.

PROJECTS

Morse Code Generator: Implementation of a Morse code generator for encoding and decoding messages. This project was developed using MATLAB GUI.

Digital Clock: Designed a clock integrated with a temperature sensor and a stopwatch. This project was programmed and built using Arduino.

Database: Developed a database for a transport company focused on optimizing operations and managing. The project was implemented using MySQL for the database and HTML for the website.

Square Wave Oscillator: Designing an oscillator that efficiently and accurately generates a square wave signal according to technical specifications. This project was executed using OrCAD.

SKILLS SUMMARY

Programming Languages: C/C++, C#, Assembly, MATLAB, Python, Java.

Tools: Ansoft Designer, OrCAD, Verilog, Oracle, Ubuntu, Linux, MySQL, Arduino.

Spoken Languages: Romanian- Nativ, English- B2.

Soft Skills: teamwork, punctuality, adaptability, fast learning.

VOLUNTEER EXPERIENCE

New Horizons Foundation

We gather supplies, including food, clothing, toys, and other essentials, and distribute them to children and low-income families.