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VLASE ELENA-RAFAELLA

Student

SUMMARY

I am a passionate Computer Science student with a keen interest in technology and a proficiency in Linux environments. I demonstrate strong teamwork skills and an ability to adapt to new technological trends. My personal hobbies include listening to music and exploring the Internet for creative inspirations, particularly in the realm of interior design. I am committed to continuous learning and growth in the field of technology.

SKILLS

Languages: C, C++, C#, Java, Python, SQL, HTML, LaTeX

Technologies: Github, .NET, Linux terminal, Anvil, MS Office, Arduino, OpenGL, Blender

Soft Skills: Good time management, punctuality, teamwork, adaptability, good at working under pressure

PROJECTS

Technology	License Plate Detector Implementation of an Image Processing project in C++ and OpenCV for detecting and extracting the numbers from romanian license plates. Github Link: License Plate Detector
Technology	Basic OpenGL scenery Implementation of an engine for a 3D world containing shadows, multiple light points, 3D objects, fog and skyboxes. Github Link: OpenGL scenery
Technology	Personal Expense Tracker with Anvil A website that allows users to create an account and monitor their own expenses ordered by categories and different timespans. Github Link: Expense Tracker
Technology	Pulse Meter with Arduino UNO Implementation of a pulse meter that shows the BPM both on a LCD display and on the Arduino System Monitor. Github Link: Pulse Meter
Technology	Connection to WiFi via SSID and password with PYNQ Z1 A bash script that allows the PYNQ Z1 development board to scan and connect to WiFi networks via SSID and password. Github link: WiFi Connect
Technology	Pacman Implementation of the Pacman assessment from the Artificial Intelligence course at Berkeley University. Github Link: Pacman
Technology	Polynomial Calculator in Java Design and implementation of a polynomial calculator with a dedicated graphical interface through which the user can insert polynomials, select the mathematical operation to be performed and view the result. Github Link: Polynomial Calculator
Technology	Queues Management App in Java Design and implementation of a Queues Management application which assigns clients to queues such that the waiting time is minimized. Github Link: Queues Management App

EDUCATION

10/2021 - 6/2025	Universitatea Tehnica din Cluj-Napoca Bachelor Degree, Computer Science	School
9/2020 - 6/2021	Certificate of SQL Course Completion High School	Course
9/2017 - 5/2021	Colegiul National "Emil Racovita" High School	School

LANGUAGES

English - C1+, French - B1, Romanian - native