



Eduard-Costin Eftimie

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ABOUT ME

I'm a 21-year-old computer science student with a passion for collaboration, problem-solving, and coding. Volunteering helps me grow my interpersonal skills, and I enjoy both nature and city adventures. I'm always seeking opportunities to apply my expertise and contribute in a team-driven environment.

WORK EXPERIENCE

01/08/2024 – 30/09/2024 Cluj-Napoca

EMBEDDED SYSTEMS SOFTWARE DEVELOPER ARCHAEO BIO COMPUTATION SUMMER PRACTICE, FMI UBB

- Creating a backend for Arduino to control motors and sensors, programmed via the Arduino IDE.
- Building a mobile interface utilizing MQTT, Node-RED, and JavaScript for real-time communication.
- Conducting research on various hardware components such as Arduino, Raspberry Pi, ESP32, transistors, and breadboards to design simple circuits.
- Setting up an operating system and MQTT on a Raspberry Pi using Bash shell scripts.

2024 Cluj-Napoca

WEB APPLICATION SYSTEMS FOR DESIGN AND IMPLEMENTATION, FMI UBB

- Frontend built using React.js featuring multiple pages, CRUD operations, offline functionality, charts, and token-based authentication.
- Backend created using FastAPI (Python) with SQL, involving models, Put/Post/Edit/Delete requests, tokens, tests, and a login system.
- Testing the web application for optimization with 1,000 fake entities in the database using Python's Faker library.
- Deploying the project online and migrating the database to AWS.

2024 Cluj-Napoca

DESKTOP APPLICATION COLLABORATIVE PROJECT SOFTWARE ENGINEERING, FMI UBB

- MVC architecture using C# and Entity Framework.
- The use of design patterns and various diagrams for system design.
- Team collaboration for project design and development.
- Integration of multiple APIs.
- Handling requests efficiently.

2022 Iași

DEMO MOBILE APPLICATION IDEATHON URBANIZE HUB

Demo Application created utilizing .NET framework with Android SDK and MAUI for cross-platform development, and managed the database with Firebase from Google. Key features:

- A chat system enabling communication between users.
- A reporting system that allows users to submit issues on a map with attached photos, highlighting problems in the city.
- A profile page featuring photo uploads, along with like and comment functionalities.
- A dynamic feed for real-time updates.
- Location-based notifications to keep users informed.

2023 – 2024 Cluj-Napoca

HR MANAGER FOR VOLUNTEERING ORGANIZATION ASOCIAȚIA SOCIETATEA ROMÂNĂ UNIVERSITARĂ "HERMES"

- Team coordination
- Engaging public speaker

- Skilled in conducting interviews
- Strong communication abilities
- Proven leadership experience
- Client relationship management
- Experience in organizing large volunteer groups

● EDUCATION AND TRAINING

2022 – CURRENT Cluj-Napoca
STUDENT Babeş-Bolyai University

2022 Piatra Neamt
ATESTAT DE COMPETENTE DIGITALE Colegiul National de Informatica

2022 Piatra Neamt
CERTIFICAT DE COMPETENTE PROFESIONALE Colegiul National de Informatica

Final grade Utilizator Experimentat

2019 – 2020 Piatra Neamt
CERTIFICATE LEARN TO CODE LEVEL 2 (WEB DEVELOPMENT PROGRAM) Digital Nation

- Proficiency in the fundamentals of PHP, JavaScript, SQL, HTML, CSS, and advanced WordPress.
- Skills in generating simple to medium complexity requests, building functionalities, and working with forms and jQuery, including file structure, hooks, and AJAX integration.
- Web design experience using Bootstrap and XAMPP.
- Practical experience in web development through collaborative team projects.

● LANGUAGE SKILLS

Mother tongue(s): **ROMANIAN**
 Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	B2	C1	C2	C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● DIGITAL SKILLS

C C++ C (C-Sharp) | .NET | Python | Java | JavaScript | PHP | HTML | CSS | SQL | MySQL | GIT version control, Linux Command | Bash | Visual Studio - Visual Basic.NET | SQL Server Management | Visual Studio Code | JetBrains IntelliJ Idea | Photoshop