EDUARD EFTIMIE

Student at Computer Science

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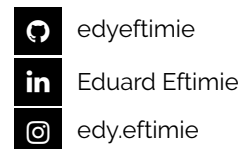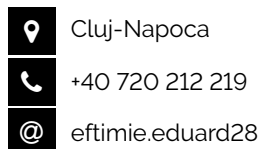in Eduard Eftimie

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WHO AM I?

I am a 21-year-old computer science student, embodying an optimistic outlook and a passion for collaboration to the table. I thrive on working with people, leveraging diverse perspectives to solve complex problems efficiently. In my free time, I find fulfillment in volunteering, contributing to causes that resonate with me and honing my interpersonal skills. Whether it's exploring the wilderness on nature trips or navigating the vibrant streets of the city, I embrace every opportunity for growth and discovery. Coding isn't just a hobby for me; it's a creative outlet where I continuously challenge myself to innovate and refine my skills. My enthusiasm for technology drives me to seek opportunities where I can apply my expertise to make meaningful contributions and thrive in a dynamic, team-oriented environment.

EXPERIENCE

2019 – 2020 **Web Development Course** **Generatia Tech, Digital Nations**

- Developed a website with a vast movie collection, featuring an intuitive interface with **endless scroll, search bar, likes and rating system**. Enhanced user experience with detailed film descriptions and critiques. Leveraged an open-source movie database for robust functionality.

- Developed research skills and the ability to work collaboratively within a team environment.

- Technologies used: **HTML / CSS / PHP / JavaScript / MySQL / WordPress / XAMPP**

2021 **Winner of Ideathon Urbanize Hub** **Urbanize Hub Iasi**

- Collaborated with environmental representatives from the Iasi City Hall to devise a potential solution for addressing waste management issues and urban defects. Together with my team, we conceptualized and developed a civic-minded application aimed at empowering city residents.

- Developed a civic app demo enabling users to report urban issues like waste accumulation and infrastructure damage with geotagged photos and descriptions. Community members validate reports through upvotes and contribute to solutions with photographic updates. The app features a chat, comments, a dynamic feed, and location-based notifications, enhancing user engagement. Reported incidents are visualized on an interactive map.

- Skills acquired: Pitching, Implementation Plan

- Technologies and applications used: **Firebase / C Sharp / Android SDK / Photoshop**.

2023 **Festival Volunteer** **Untold and Electric Castle**

- Managed logistics, provided support to attendees, and fostered positive client relationships.

- Demonstrated adaptability and interpersonal skills in dynamic environments.

- `Logistics  /  Support  /  Data management  /  Clients relationship`

2023	**Winner of INNOHACK Hackathon**	**CS Inno Hub**

- Designed an assistive program for individuals with visual impairments, leveraging an existing AI model with object identification and distance estimation. Implemented a system to notify the user of possible dangerous situations.

- Developed with careful consideration and practical solution identification, requiring meticulous problem-solving, feasibility assessment, and strategic planning, which also involved reviewing research papers, formulating revenue strategies, and crafting a compelling pitch.

- Additionally, familiar with **AI** technologies, including TensorFlow, **Python**, Facial Recognition, Numpy, Torch, Convolutional Neural Networks, and Fully Connected Networks.

2023 – 2024 Volunteering	**Manager Human Resources**	**Asociația Societatea Română Universitară "Hermes"**

- Led team management initiatives, ensuring engagement, motivation, and effective communication.

- Organized personalized team activities and facilitated public speaking engagements.

- Skills acquired: **Team Management** and Leadership, Event Organization, Delegating Tasks, Engagement and Motivation, Interviewing, **Public Speaking**

2024	**University Project**	**Course of Systems for design and implementation**

- Created a **full-stack application** focused on football players, featuring a homepage with a **paginated table** showcasing players, **CRUD operations**, and a related table displaying existing teams in a one-to-many relationship. Each item in the table links to a separate page with player/team details. The site also includes **charts** depicting the number of players per team. Implemented real-time data display and connectivity checker for internet and database access, along with data population using fakers.

- I refined my skills with online tutorials and free resources, adopting good practices for various programs. Employing diverse components, I meticulously developed and tested frontend and backend functionalities, including thorough **testing** of requests for seamless performance.

- In the course of this project, I found myself utilizing **React, FastAPI, JavaScript, Material-UI, SQLAlchemy, WebSockets**, Faker, Axios, BaseModel from Pydantic, Postman and Anaconda.

EDUCATION

2018 – 2022	**High school**	**Colegiul Național de Informatică, Piatra Neamț**

I learned the basics of programming while participating in an intensive Computer Science class. I worked with **C++** and pseudocode, gaining skills in **algorithmic analysis**. Additionally, I competed in local contests.

2022	**Computer Science Certificate**	**Colegiul Național de Informatică, Piatra Neamț**

With top marks, I excelled in my Computer Science Certificate, showcasing proficiency in **SQL** and **Oracle databases** alongside adept problem-solving in algorithmic tasks. For my final project, I crafted a dynamic website.

2022 – current	**Bachelor's Degree**	**Computer Science, Faculty of Mathematics and Computer Science, Babeș-Bolyai University**

Currently pursuing my Bachelor's degree, I'm in my second year of studies, where I've delved deep into a spectrum of subjects encompassing **Computer Systems Architecture, Operating Systems, Object-Oriented Programming, Data Structures and Algorithms, Functional Languages, Computer Networks, Web Development, Full Stack Applications, and Artificial Intelligence**. These comprehensive courses have broadened my knowledge and equipped me with essential skills to navigate the complexities of the tech industry.

C

C++

C Sharp

Java

JavaScript

Python

HTML

CSS

XAMPP

Visual Studio

VS Code

IntelliJ

CLion

Unity

Git

Linux

Office

LANGUAGES

Romanian - native
English - proficient , B2 level

HOBBIES

I'm passionate about football, I enjoy traveling with friends, and I have a strong desire to explore the world. An animal lover at heart, I also find joy in gaming and engaging in debates during my free time.