



Patric Pop

Nationality: Romanian **Date of birth:** 01/03/2004 **Place of birth:** Arad, Romania

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ABOUT ME

Ambitious and dedicated Computer Automation student entering the third year of university, with strong skills in discipline, resilience, and collaboration. Passionate about problem-solving and innovative technologies, I stay calm under pressure and thrive in challenging environments. Highly motivated and committed to continuous learning, I strive to deliver excellence and create meaningful impact in every opportunity I pursue.

WORK EXPERIENCE

HiByte – Timișoara, Romania

City: Timișoara | Country: Romania

Intern

- Contributed to the development of a full-stack web application, working across both backend and frontend components.
- Gained hands-on experience with the Spring Boot framework for backend development and Angular for frontend implementation.
- Used PostgreSQL for database management and explored Docker for containerization.
- Collaborated effectively within a development team, strengthening communication and teamwork skills in an Agile environment.
- Enhanced understanding of JavaScript, focusing on integrating dynamic functionality in the user interface.

EDUCATION AND TRAINING

Highschool Diploma

Liceul Național Preparandia "Dimitrie Țichindeal" Arad [10/09/2019 – 13/06/2023]

City: Arad | Country: Romania

Bachelor's Degree

Universitatea Politehnica Timișoara - Facultatea de Automatică și Calculatoare [01/10/2023 – Current]

City: Timișoara | Country: Romania

LANGUAGE SKILLS

Mother tongue(s): Romanian

Other language(s):

English

LISTENING C1 READING C1 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

German

LISTENING A1 READING A1 WRITING A1

SPOKEN PRODUCTION A1 SPOKEN INTERACTION A1

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

SKILLS

Personality

Creative / Teamwork / Attention to details / Open-minded / Problem solving / Eager to learn / Works good under pressure / Can communicate effectively

Programming and software development

C / C++ / Java / White-Box testing / Git / Agile / Springboot / Black-box testing / Angular / Backend development / Software engineering / SQL / HTML / CSS

PROJECTS

AI stock prediction Created a hybrid ML pipeline feeding historical data and sentiment scores into a neural network. Includes smart caching to optimize API usage. I used pytorch and tensor flow in order to work as efficient as possible with machine learning

Link: <https://github.com/patric1304/Stock-price-prediction-model>

Echoes: Digital Heritage Trail Cultural heritage sites lack engaging, accessible digital narratives. Built a 'Fog of War' engine that unlocks media only within a 50m physical radius. A location-based platform where historical narratives are 'echoed' to the user via geofencing.Used: React • Node.js • Graph Algorithms

Link: <https://github.com/ionutT77/Echoes-Digital-Heritage-Trail>

USEFUL LINKS

Find more about me

Explore my complete portfolio for case studies and projects, and view my technical contributions on GitHub. Write here the description.

Links: <https://patric-pop.vercel.app/> | <https://github.com/patric1304>

HOBBIES AND INTERESTS

Sport

Programming

Literature

Writing

Teaching programming

DRIVING LICENCE

Driving Licence: AM

Driving Licence: B1

Driving Licence: B