

Hritcan Alexandru

Student

21 years old

Contact

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Interests

■ Formula 1

■ Mystery Movies

■ Acoustic Music

■ Lego Technic

■ Neovim

■ Robotics

Soft skills

Problem solving

Open-minded

Adaptability

Self discipline

Stress management

Patience

Hard skills

</> C/C++ • Python • Typescript

Flutter • NextJS • React

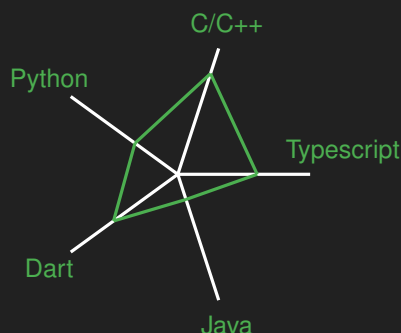
Debugging Code

Configuring Neovim

SQLite • FirebaseFirestore

Agile (Scrum Master)

Programming



Languages

Romanian (native) ☐☐☐☐☐

English ☐☐☐

Experience

Web & Mobile Developer

2023-2024

AlgoMediaSoft

- Implemented presentation website for the company using NextJS
- Build quick interventions mobile app using Flutter for the company's agents.
 - It features full screen alerts with details of the intervention.
 - Sets the route in Google Maps and can be accessed with one click.
 - Reduced intervention time from 20 to 13 minutes.

Education

Bachelor - Computer Science

2021-2023

Alexandru Ioan Cuza University

- Excelled in Data Structures, achieving 8th place out of 400 students.
- Found courses on Algorithm Design, Object-Oriented Programming, and Computer Networks highly engaging.

Computer Science & Mathematics

2017-2021

Eudoxiu Hurmuzachi High School

- Achieved 42nd place & bronze medal in National Olympiad in Informatics, ranking among the top 110 students nationwide, out of 1000+ participants.
- Won 2nd prize in the 2020 Physics National Contest PHI and 3rd prize in 2019.

Projects

InterSchem

2021

Front-End in C++

- Developed C++ SFML application for UI-based C++ algorithms creation.
- Integrated algorithm running visualization, error handling, and saving/loading.

TomatoGuard

2023

Machine Learning & Front-End

- Created Prophet model with Python to detect potential tomato diseases.
- Designed React website for uploading CSV files and receiving the results.

Traveling Salesman Problem

2022

Research project

- Implemented C++ Genetic Algorithm for Traveling Salesman Problem.
- Authored paper comparing Genetic Algorithm with Simulated Annealing.

Extracurricular

Sirius Physics Group

2018-2020

Member & Assistant

- Engaged in weekly physics seminars and debates.
- Instructed younger students in Arduino programming.