

Hritcan Alexandru

Student

21 years old

Contact

@ alexandru.hritcan@gmail.com

github.com/halexandru11

+40 746 427 309

linkedin.com/in/alex-hritcan

About me

With a background in competitive programming, I excel in problem-solving. Actively improving networking skills to expand my professional connections. Outside of coding, I enjoy weightlifting as part of my fitness routine.

Soft skills

Problem solving

Open-minded

Adaptability

Self discipline

Stress management

Patience

Hard skills

C/C++ • Python • Typescript

Flutter • NextJS • React

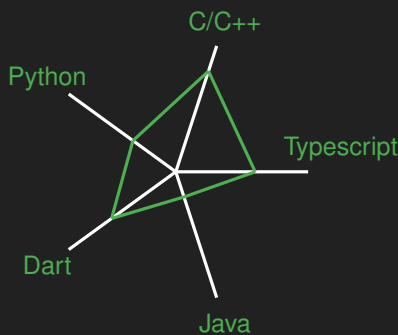
Debugging Code

Configuring Neovim

SQLite • FirebaseFirestore

Agile (Scrum Master)

Programming



Languages

Romanian (native) ☐☐☐☐☐
English ☐☐☐

Interests

■ Formula 1 ■ Mystery Movies
■ Neovim ■ Acoustic Music
■ Robotics ■ Lego Technic

Experience

Web & Mobile Developer • Part-time

spring 2023-
AlgoMedia Soft

- Developed company presentation website using NextJS.
 - Implemented multi-language support and ensured responsiveness.
- Built 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.

Education

Bachelor - Computer Science

Alexandru Ioan Cuza University
2021-

- 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

Eudoxiu Hurmuzachi High School
2017-2021

- 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 • Team of 2 | GitHub

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 • Team of 3 | GitHub

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.

BookReader • Solo Project | GitHub

2023
Client-Server Application

- Programmed Linux POSIX-based app with MySQL for book and user data.
- Implemented Qt frontend for book recommendations, searching, and filtering.

Extracurricular

Sirius Physics Group

2018-2020
Member & Assistant

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