



BOGDAN ION



About Me

I am a 22 year old Computer Science student and I'm currently studying Machine Learning, but I have a passion for mobile applications. I have a 9 years' personal experience in coding and I've explored a lot of fields during these years, and all these experience allowed me to understand better how everything is connected and to be versatile. So now, my main hobby is LogiQ Puzzle, my own app which I am currently managing daily. In the free time, I do a lot of sports, main ones being bouldering, football and volleyball. I invite you to read more about me on my website!



Work Experience

INTERN EMBEDDED

2022

AROBS TRANSILVANIA SOFTWARE | 3 MONTHS

During the Internship I worked on a side project consisting of creating a 4 wheeled robot with different sensors which had at it's core 3 STM32 Nucleo Boards. The results can be seen on my GitHub page, /UniWork.

TEAM LEADER

2017-2021

IDEAL ELECTRONICS

Local robotics team, participating in First Tech Challenge Romania every year, winning multiple important awards for programming innovation. The precise domain was the ingenuity with which the robot was programmed during his autonomous period.



Projects

LOGIQ PUZZLE

My own mobile application deployed on both AppStore and Google Play. This started as a hobby for both mobile apps and puzzles, so I decided to create my own and share it with the world. It's main target is Romanian consumers, because the language of the puzzles is in Romanian, the puzzles being similar to Wordle/Crosswords, summing up to a total of 8 of them (per day!). The app was built using React Native and I use Firestore as a database.

OTHER PROJECTS

- Graph-based biomarker extraction of brain vascular networks - trying to reconstruct tubular tree-like structures (blood vessels) accurately.
- Autonomous Robot - ROS2 | Project over 2 semesters, videos on Github
- SportSwipe - React Native | Mobile app for finding sports partners when you move to a new city.



Additional information

VOLUNTEER

2021-2024

FIRST TECH CHALLENGE ROMANIA

For the same Robotics Competition, after I wasn't eligible to continue participating in it, I decided to continue helping the organizing of the competition, becoming an ALUMNI.

Hobbies: Football, Snowboarding, Bouldering, Rowing, Programming



Contact

+40 723 434 708

bogdanionpers@gmail.com

<https://github.com/Bogdy3145>

<https://bogdanion.netlify.app/>

760 Chem. de la Tire, Mougins



Education

In progress

Master of Autonomous Systems
and Intelligent Robotics

KTH University, SWE
2024-2025

EURECOM University, FR
2025-2026

Bachelor of Computer
Science

Babes-Bolyai University, RO
2021-2024



Skills

GNU/Linux

C/C++, C#, Java, Python & SQL

HTML, CSS & JavaScript

Node.js, Angular & React

Android Studio & Flutter

Docker

ROS2, GAML

Teamwork & Communication

Flexibility & Adaptability

Problem Solving & Creativity