

## Experience

### Full stack developer

Team Entropy – DPIT Academy – Mentored by Bosch – May 2020–November 2020

- Engineered from scratch a bracelet, that uses BLE to communicate with the phone, and if a danger signal is send, the phone will alert a close contact of that person. Using reports from the bracelet and authorities we build a risk-map, and offer routing services that avoid said routes.
- Worked on the back-end API (Python/Flask/MySQL), on the hardware (Cypress PSoC 4) and on the client (BLE Component, API Communications, Mapping) – Flutter/Dart.

*Technologies used:*

- Bluetooth Low Energy, and the CYBLE-222014 embedded modules – PSoC 4, C
- Flutter for the cross-platform client app and Python / Flask / MySQL for the backend server
- Git / GitHub for version control and GitHub Workflows with flutter-action for CI

### IT Intern

Davinet IT – 2017–Present

- Built and maintained PCs – Assembling the components, Installing operating systems, office suites, and other necessary software
- Gained experience managing servers and network infrastructure

## Education

### Computer Science/Mathematics – Lucian Blaga High School Cluj

2019–2023

- DPIT Academy – Team Entropy
- Acadnet (Applied Informatics Olympiad) Nationals – 6<sup>th</sup> place
- AstroPi Contest Finalist
- Nextlab.tech Contest finalist
- OJI 2020 Participant

### Nicolae Balcescu Lyceum Cluj

2015–2019

- AstroPi Contest Winner
- 1<sup>st</sup> place Kids Hack Day

## Skills

- English – Advanced
- Romanian – Native
- Flexible and easily adaptable
- Great problem-solver
- Highly efficient
- Great team-worker

## Hobbies

- Aviation | Video Games | Tech

## Technologies

- Python (Flask, Kivy) – Medium / Advanced
- Flutter / Dart – Medium / Advanced
- Embedded/Microcontrollers –Medium
- C/C++ – Beginner/Medium
- Cloud: GCP – Medium | AWS – Beginner
- Cordova – Beginner | Ionic – Beginner
- Git / GitHub / GitHub Workflows – Medium
- Linux – Medium | Windows – Advanced