

Ioana Grigore

Computer Science Engineer

I am a Computer Science Engineer with an open mind and a passion for seeking ways to use technology in order to create better lives for people. I have a strong interest for science fields as Mathematics, Physics and Chemistry. I am interested in combining my knowledge I gathered from learning about these subjects with my skills I developed as a programmer and adding building blocks to the medical software industry. I am also tutoring high school students for Math and Physics due to my passion for both the subjects and teaching.

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AREAS OF EXPERTISE

Frontend (React, HTML, CSS, React Native, Android) · Backend (Flask, Nodejs) · Database (MongoDB, Firebase) · Machine Learning (Tensorflow, Keras, Pytorch) · Linux (Bash Scripting) · Arduino · OOP (Java, C++)

PROJECTS

Convolutional Neural Networks for Medical Images Diagnosis

- Pneumonia detection with CNNs

Genre Recognition app

- Android app with Flask API, built on a Tensorflow model

MERN stack chat app

- Counseling chat app developed with MongoDB, Express, React and Nodejs

Sports Rental Website

- Developed with HTML, CSS, JavaScript

QR Attendance App

- Developed with React Native, Django and Firebase

Self-stabilizing Spoon

- Built with Arduino

SKILLS

- Python
- C
- C++
- React
- React Native
- Java
- Docker
- Linux
- Matlab/Octave
- Git

EDUCATION

Bachelor of Computer Science

- 2018 - 2022

Politehnica University of Bucharest, Faculty of Automatic Control and Computer Science, Department of Computer Science

EXPERIENCE

Embedded Programming Intern at Evolution Medtec

- worked on a project which involved building an AI model to classify medical images and using it on the STM32H747I board for blood type analyzing

REFERENCES

Available upon request