

STEFAN GIBA

SOFTWARE DEVELOPER

PROFILE

I am a highly motivated and hard working individual, looking forward to developing a career in software engineering .

SKILLS

Programming Languages

Python, JavaScript, Java, HTML/CSS, Python

Frameworks/Systems

MVC, ReactJS, Angular, NodeJS, Django, Django REST Framework, Tensorflow

EDUCATIONAL TRAINING

Polytechnic University of Bucharest

Bachelor of Science

Faculty of Automatic Control and computer science

- Attended from Sept. 2012 to June 2016
- President, Student Council
- Founder, Beechtown University Coding Club
- Champion, Beechtown Hackathon 2015

HOW TO REACH ME

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CAREER SUMMARY

Software Engineering Intern

Keysight Technologies | 07.2020 to 09.2020

- Worked on a project called Encrypted Traffic Analyzer which implied using the entropy of the traffic flows to try and predict if the traffic came from a video-based application (eg. Netflix/Youtube) or text-based application(eg. Amazon/Messenger)
- Built neural networks using Tensorflow and Keras (Autoencoder, Classifier)
- Captured and filtered internet traffic using Wireshark
- Processed .pcap files from Wireshark using the Rust Programming Language

Web Development Intern

Pentalog | 07.2019 to 10.2019

- Used the Django Framework as well as Django REST Framework to build a blog website and an online shopping website.
- Learned about the concepts of the Python programming language

PROJECTS

Robofriends

- simple ReactJS app that allows users to search through a collection of Robots by their names
- uses Redux for state management

Face Detection

- ReactJS application that takes in the URL of an image containing a person, detects the person's face and frames it into a box
- it has built in sign in and register functions
- hosted on Heroku

Face Detection API

- RESTful API built with Node js that also has a PostgreSQL database
- hosted on Heroku

Music Generator

- A Deep Learning application that takes ABC-notation piano songs as input and learns to generate original music.