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
Java, C++, Python, JavaScript, HTML5/CSS

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

EDUCATIONAL TRAINING

Polytechnic University of Bucharest
Bachelor of Science
Faculty of Automatic Control and computer science
- GPA so far : 8.60 (out of 10)

CERTIFICATES

- The Complete Web Developer in 2020: Zero to Mastery

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 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

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

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 for Face Detection app built with Node js that also has a PostgreSQL database
- hosted on Heroku

`Image Classifier

- This is a project built using Tensorflow. I made an image classifier which is able to recognize clothing pieces from pictures.
- Project made for the Optimisation Techniques subject I had in university.

Text Based Browser

- Simple text based browser
- experimented with Python requests library

Meeting Planer

- I created a meeting planner in Java. This little app let's you create meetings, addressing the problem of conflicting meeting dates and hours in one's schedule.
- It has CLI interaction only

SimpleApp

- This is a Xamarin application me and a couple friends developed at the DevHacks Hackathon in Bucharest in the autumn of 2019.
- It is a simple banking application in which you can add cards, and see your transactions, categorize them and see how exactly you spend your money.