STEFAN GIBA

SOFTWARE ENGINEER

PROFILE

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

Other Technical Skils
SQL, Data Structures, Algorithms, Data Processing and Analysis, Optimizing Code

Soft Skills
Problem Solving, Collaboration, Continuous drive to improve

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
- Master the Coding Interview: Data Structures + Algorithms
- IELTS Academic: 7.5 overall

PROFESSIONAL EXPERIENCE

Software Development Engineer
Huawei Technologies | 10/2020 to present
- Gather requirements, develop, test, and deploy scripts/programs/tools for different internal customers
- Monitor systems performance and recommend adjustments to ensure optimum performance and response time
- Maintain security and data integrity

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) and achieved a 95% accuracy
- Built neural networks using Tensorflow and Keras (Autoencoder, Classifier) and optimized their parameters to best suit our purpose
- 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.

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
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Face Detection API
- RESTful API for Face Detection app built with Node js that also has a PostgreSQL database

WORKSHOPS & HACKATHONS

DevHacks 2019 Hackathon
- Alongside my team, we developed a mobile banking application in which you could add your cards, see your transactions and details about them and categorized transactions to see how you spent your money each month.

NASA SpaceApps Challenge
- Participated in a hackathon organized by NASA and tried to come up with a solution for collecting the plastic in the oceans.

Summer Events at **UiPath** (2019) and **NTT Data** (2019) where I had the opportunity to interact with their employees andmunderstand more about the culture of these two companies

HOW TO REACH ME

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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.

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

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.