

MARIUS GARBEA

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EDUCATION

Drexel University

September 2017 - Present

BS Computer Science and BS Mathematics

GPA: 3.98/4

Teaching assistant for CS265 - Advanced Programming Techniques: Linux

Co-founder and executive board member of Drexel Blockchain (first Drexel blockchain technology club)

Executive board member of Drexel Mathematics and Computer Science Society (official ACM club)

TECHNICAL SKILLS

Computer Languages

Java, Python, Javascript, C, C++, Bash, SQL, Go

Software & Tools

NodeJS, ReactJS, AngularJS, MongoDB, Spring, Hibernate, Git

EXPERIENCE

ActivFix

December 2017 - Present

Software Engineer

Bucharest, Romania

- Refactored the codebase from a monolith to microservices using Spring Boot, reducing deployment time by 30% and development start-up time by 70%
- Developed an admin module and a payment module, speeding up the launch process by several months
- Configured and managed the infrastructure of the app using an Ubuntu cloud server and Nginx proxy server, and wrote various automation scripts, reducing admin's manual work by 20%

GovITHub

October 2016 - February 2017

Software Engineer

Bucharest, Romania

- Developed the front-end of a news distribution web application in ReactJS and its state tree in Redux
- Restructured ReactJS components to use static typing using Flow, increasing coverage from 30% to 100%
- Wrote black-box unit tests for front-end components and user interactions in Jest, reducing debugging time

PROJECTS

Teens' Bucharest App

Mobile version of a local news web app

- Customized a video content playing library to achieve better performance for audio only content and increased the app's podcast player's responsiveness by 300%
- Built three modules that facilitated full interaction with business content (text, social events, audio media)
- Used technologies such as React Native, Redux for state management and Reselect for selector caching

SpeedPlan

Event flyer scanning mobile app

- Implemented a data parsing algorithm and a grayscale filter, improving text recognition by 10%
- Designed the underlying architecture and structure of the app following MVC and DAO design patterns
- Used specific libraries for camera, file system and external apps interaction and integrated Tesseract OCR

HONORS, AWARDS & CERTIFICATIONS

- Drexel University Pennoni Honors College (top 10%)
- Drexel University Founders Scholarship (60% of tuition covered)
- DevHacks 2016 Hackathon, sponsored by Microsoft, Teamnet, SoftVision - 2nd/ 52 teams
- JSHacks 2016 Hackathon, sponsored by Endava and VisionMobile - 1st/ 13 teams
- Cisco Networking Academy IT Essentials Certification