Marius Andrei Stefan Garbea

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EDUCATION

Drexel University   Philadelphia, PA
BSCS Computer Science and BS Mathematics   09/2017 – expected 05/2022
- 4.0 GPA, Dean's List, Pennoni Honors College

Tudor Vianu National College of Computer Science   Bucharest, Romania
Mathematics-Computer Science specialization   09/2013 – 06/2017
- 9.5/ 10 GPA, Participated in multiple Computer-Science, Math, Entrepreneurship and Physics contests – national stage

SKILLS

- Java, Python, HTML, CSS, Vanilla JavaScript, NodeJS, ReactJS, Git   advanced
- C, C++, Bash, MySQL, MongoDB   intermediate
- Go, Kotlin, AngularJS   beginner

PROFESSIONAL EXPERIENCE

ActivFix Software Engineer   Bucharest, Romania
Sport events scheduling startup   12/2017 – present
- Developing the front-end and back-end of the app using AngularJS, Java, Hibernate, Spring and MySQL
- Prioritizing development using different design patterns and following designated architectures
- Deployed and currently managing a Digital Ocean Ubuntu droplet, Nginx web server and Tomcat server
- Contributed to designing the architecture of the application and the MySQL database

GovITHub Software Engineer   Bucharest, Romania
Governmental program seeking to enhance public service through technology   10/2016 – 02/2017
- Developed the front-end of a push-notification web application using ReactJS
- Contributed to another open source project by building front-end components
- Wrote unit tests for different front-end behaviors and interactions in Jest
- Restructured JavaScript files to use static typing using Flow

Telekom Romania – Dolce Sport Information Technology Intern   Bucharest, Romania
Romanian sports television   02/2016 – 04/2016
- Monitored and analyzed server's data flow statistics on Quantel servers
- Managed input/output data streams and sport events archives
- Published sport articles on Dolce Sport's website

HONORS, AWARDS & CERTIFICATIONS

Drexel University Founder's Scholarship & Drexel Grant   09/2017 – 05/2022
DevHacks 2016 Hackathon, sponsored by Microsoft, Teamnet, SoftVision – Runner-up
JSHacks 2016 Hackathon, sponsored by Endava and VisionMobile – Winner
Junior Achievement Young Enterprise "Company of the Year" – National Finalist
Certiport Digital Literacy Certification
Cisco Networking Academy IT Essentials Certification

PROJECTS

SpeedPlan – Event flyer scanning Android app   12/2017 - 04/2018
- Designed the underlying architecture and data structure of the app following DAO and MVC principles
- Used specific built-in libraries for camera, file system and external apps interaction and integrated Tesseract OCR
- Designed and implemented a custom data parsing algorithm for splitting detected text into multiple fields

Oculus Fridge – Groceries recognition web app   01/2018
- Built the web app using vanilla HTML and Node, prioritizing items classification accuracy
- Integrated Clarifai's, Amazon's and Twilio's APIs for object recognition, product suggestions and SMS notifications
- Focused on balancing the performance and user-friendliness of the app