

# Marius Andrei Stefan Garbea

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## EDUCATION

### Drexel University

BSCS Computer Science and BS Mathematics

- 3.98 GPA, Dean's List, Pennoni Honors College

Philadelphia, PA

09/2017 – expected 05/2022

### Tudor Vianu National College of Computer Science

Mathematics-Computer Science specialization

- 9.5/ 10 GPA, Participated in multiple Computer-Science, Math, Entrepreneurship and Physics contests – national stage

Bucharest, Romania

09/2013 – 06/2017

## 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

Sport events scheduling startup

- 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

Bucharest, Romania

12/2017 – present

### GovITHub Software Engineer

Governmental program seeking to enhance public service through technology

- 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

Bucharest, Romania

10/2016 – 02/2017

### Telekom Romania – Dolce Sport Information Technology Intern

Romanian sports television

- 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

Bucharest, Romania

02/2016 – 04/2016

## 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