Aaron Goodfellow

Student Java Developer · Student Portal Team Lead

amgoodfellow@oakland.edu · (810) - 965 - 1253 · github.com/amgoodfellow

SUMMARY

- 2+ years of real-world experience in Java, SpringBoot, PostgreSQL, and JavaScript
- Speaker at international OpenApereo conference (on improving performance of student portals)
- Experience working individually, collaboratively, and in a leadership position
- Assisted in application / Tomcat upgrades of enterprise application with 25,000+ users

EXPERIENCE

2016-04 – PRESENT

STUDENT JAVA DEVELOPER, OAKLAND UNIVERSITY

Responsibilities

- Work independently and with a team developing full stack web applications for every Oakland University student
- Individually architect full stack of web applications (database, backend, frontend)
- Create tools to help other developers (scripts, GitLab CI, etc)
- Lead / mentor new students in the program
- Assist with production upgrades (cut and tag releases, deploy on dev, test, and prod servers)

Achievements

- Created fully featured calendar for all students to view their classes (available on npm)
- Architected / implemented Reddit-esque system for student ideas (available on GitHub)
- Architected / implemented authentication system tying together Shibboleth and REST API
- Single-handedly maintained / upgraded student portal

EDUCATION

2015 - PRESENT

COMPUTER SCIENCE (BS), OAKLAND UNIVERSITY

Information

- GPA 3.58
- Member of Honors College 2015 - present

Relevant Coursework:

Computer Architecture, Discrete Mathematics, Linear Algebra, Design/Analysis of Algorithms, Computer Networks, Database Design and Implementation, Programming Languages

SKILLS

Java	Rust
SQL (postgres, mysql, oracle)	SpringBoot
HTML/CSS/JavaScript	Gradle/Maven/Git
Python (2, 3)	Apache Tomcat
Bash	GitLab CI

PROJECTS

Seam-Carving

A content-aware image resizing program, based on research by Shai Avidan and Ariel Shamir, implemented in C++

Sudoku Solver

A webapp that accepts a picture of a sudoku puzzle. The application will parse the picture and return the solution (GrizzHacks 2017)