Adam Tigar

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Education

Carleton College, Northfield, MN
- Bachelor of Arts in Computer Science, expected June 2018

SEA Semester, Woods Hole, MA & East Coast of New Zealand
- Study abroad in Oceanography and Data Science, completed March 2017

Work Experience

Java and Grails Developer, Carleton College   Sept 2017 - Feb 2017
- Interface redesign, refactoring legacy code, and implementing new features for Langauge Lesson version 1.8

Software Engineer Extern, Datrium, Sunnyvale CA   Dec 2017 - Dec 2017
- Developed new features for the vCenter frontend in Angular.js

Tech Coordinator, iD Tech Camps, Berkeley CA   Summer 2017
- Taught Python, Java, Arduino, and Javascript to middle and high school students
- Created course materials and helped develop student projects

PHP Developer & Moodle Assistant, Carleton College   March 2017 - June 2017
- PHP extension maintenance for the Academic Technology team

Resident Assistant, Carleton College   Aug 2015 - Nov 2016
- Handled resident safety, community building, event planning and student activities coordination for two different floors of dormitories
- Created programs for residents about diverse topics such as dating and intimacy, health and wellness, and academic success
- Trained new RAs on job requirements, self-conduct, and community management

Projects

[E-discovery, Senior Capstone Project](#) - Python, Scikit-learn, Vue.js, Flask, and SQLite
- Worked in a team of 6 using machine learning to determine document relevancy across 115,000 emails from the Enron Scandal of 2001
- Developed a front end in Vue.js to handle intuitive document tagging for thousands of emails
- Our algorithm handled a small subset of 2000 tagged documents (either relevant or not relevant) and tags the remaining 113,000 with 92% accuracy

Language Lesson - Java and Grails
- Listening and speaking drills based on current education science that includes student voice recordings. Designed to eventually include AI interpretation and auto-grading

Carl Majors - Flask, Javascript, and SQL
- Website for visualizing gender statistics across majors at Carleton

Skills

Proficient: Python, Java, Javascript, HTML/CSS, SQL, Flask, Vue.js, Angular.js, Git
Exposure: C, PHP, React.js, Node.js, Apache Tomcat

Languages: English (native), Spanish (fluent)

Leadership/Volunteer Experience

Club Water Polo, Captain, Carleton College   Sept 2014 - Feb 2018
- All-American Honorable Mention, 2016 and 2017

Backpacking Trip Leader, Carleton Outdoors Club   March 2015 - Feb 2018