SAMANTHA VOIGT

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EDUCATION

WELLESLEY COLLEGE, Wellesley MA
Pursuing BA in Computer Science. GPA: 3.36/4.0
Expected Graduation: May 2017

EXPERIENCE

CODECADEMY ADVISOR
October 2016 - Present
Codecademy
- Debug multiple Codecademy students' code at once, providing quick and accurate guidance
- Help Codecademy students learn multiple programming languages and tools
- Help Codecademy students define learning goals and stay on track

SOFTWARE ENGINEERING INTERN
Summer 2016
Square, Inc.
- Developed in Ruby, Rails, Ember.js, CoffeeScript, ES6
- Part of the entire software development lifecycle for multiple features from design, to implementation, testing, feature rollout, and bug fixing
- Wrote unit, integration, and acceptance tests for both backend and frontend
- Designed and implemented caching component, including schema design, to alleviate load on backend systems
- Upgraded filtering UI to bring to parity with company-wide standards
- Designed and developed a feature to display analytics to merchants regarding their invoices
- Implemented recording of risk signals used to ship multiple features to reduce risk associated with the invoicing product

COMPUTER SCIENCE TUTOR
Fall 2014 - Fall 2016
Wellesley College
- Tutor undergraduates in: Introductory Web Development (Fall 2014), Introductory Programming in Python (Spring 2015), Data Structures in Java (Fall 2015), & Databases with Web Interfaces (Fall 2016).
- Manage a two hour long office hour session every week. Assist students in completion of a program and review concepts. Grade assignments and assist in lab section.

SUMMER IMMERSION PROGRAM TA
Summer 2015
Girls Who Code
- Assist in the instruction of a seven-week CS curriculum to 20 high school girls including topics in Animation, Robotics, Data Structures, and Algorithms while using mostly Scratch, Python, HTML/CSS, and JavaScript.
- Create, design, and/or modify existing programming assignments. Guide students through the process of completing assignments, including debugging their code.
- Manage skills and personalities of a large group of diverse students, minimizing conflict and emphasizing good peer programming and collaboration.

PROJECTS

REYAKTIONS - Python, Flask, Linux, AWS, Indico API, Bootstrap
Spring 2016
WHACK Hackathon Winner - Overall Second Place
- **Purpose:** To help students explore which colleges are the most positive (or negative) using the sentiment analysis of the current posts for colleges on Yik Yak.
- **Technical Info:** Function as backend developer. First time using Flask and AWS. Interfaced with a large number of APIs, frameworks, and plugins (including getting yaks from Yik Yak without a public API) and connect it all to make a working product in 24 hours.

TECHNICAL SKILLS

LANGUAGES: Python, JavaScript, Ruby, Java , HTML/CSS, CoffeeScript, C
FRAMEWORKS & TOOLS: MySQL, Git/Mercurial, Flask, Ember.js, Django