

SAMANTHA VOIGT

951-534-4452 • samanthalvoigt@gmail.com

samanthavoigt.com • github.com/mantaleigh • linkedin.com/in/samanthavoigt • @mantaleigh

EDUCATION

WELLESLEY COLLEGE, Wellesley MA

Pursuing BA in Computer Science. GPA: 3.36/4.0

Expected Graduation: May 2017

RELEVANT COURSEWORK:

- Multivariable Calculus
- Combinatorics & Graph Theory
- Computer Systems
- Computer Networks
- Principles of Programming Languages*
- Computer Security
- Databases with Web Interfaces
- Tangible User Interfaces*

*Will complete Fall 2016

EXPERIENCE

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, Ember.js, Flask, Django, React