

Alice Yang

alice.f.yang@gmail.com • (617) 640-6642

Education

Smith College

Bachelor of Arts in Computer Science

Expected May 2017

GPA: 3.89

Languages & Technologies

- *Languages:* Java, Python, HTML/CSS, Javascript, MATLAB
- *Technologies:* HTML5 Canvas, Closure, D3, Flask, Bootstrap

Projects

Facebook Page Sentiment Analysis | Team Project

November 2015 – December 2015

- Developed **Flask** web application that uses the **Indico Sentiment API** to analyze the positivity level of posts from a given Facebook page. Displays an interactive bar chart of the post sentiments over time using **D3**.

Smith College Water Usage | Individual Project

November 2015 – December 2015

- Developed interactive data visualization in **HTML5 Canvas** that allows users to view the water usage of every Smith college building over time. Written entirely in native **Javascript**.

Experience

Software Development Engineer Intern

May 2016 – August 2016

Google, Classroom

New York, NY

- Designed and implemented full stack project adding a subject autocomplete field and collecting subject metadata for every class created for Classroom's web application.
- Used by over 21,000 users within 24 hours of launch.
- Languages and public technologies: Javascript, Java, Closure, Soy, Protocol Buffers, Databases

Product Development Intern

June 2015 – August 2015

Federal Reserve Bank of Boston, Dept. of Invoice Processing Platform

Boston, MA

- Fixed customer facing defects in the Java Server Application for government invoice processing.
- Removed 5,000 line eval statements from 300 Javascript files, resolving security flaws.
- Spot Award – exceeded expectations.

Research Assistant | Syriac Handwriting Analysis

May 2014 - June 2015

Smith College, Department of Computer Science

- Expanded MATLAB programs to identify authors of unsigned manuscripts. Created testing framework to compare differences between sets of ancient manuscripts.
- Developed HTML/CSS script chart to display most representative letters from a database of images.

Leadership

Head Teaching Assistant

May 2015 - Present

Smith College, Department of Computer Science

- Created and executed screening and interview process for hiring computer science teaching assistants.
- Developed and implemented monthly training and community building program for the teaching assistants.
- As a TA: Held 2 hour tutoring sessions 4x a week with 10-15 students, debugging assignments and answering questions for Intro to Programming Through Python and Data Structures in Java.

Smithies in Computer Science

April 2014 - Present

Vice-President 2016, Events Chair 2015, Treasurer 2014

- Co-organized Hack@Smith, Smith College's 120 person hackathon with a 50:50 gender ratio.
- Sought funding for and coordinated transportation to off-campus conferences and hackathons.
- Organized workshops such as Programming for Arduino for 30 students of varying experience.

Honors

Grace Hopper Scholar (June 2015), Dean's List (2014, 2015), CRC Press Introductory Chemistry Award (2014)