

# Alice Yang

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## Education

### Smith College

Bachelor of Arts in Computer Science

**Expected May 2017**

Cumulative GPA: 3.95

Relevant Coursework: Data Structures, Microprocessors and Assembly Language, Operating Systems, Artificial Intelligence, Server Scripting for the Web, Discrete Math, Theoretical Foundations, Calculus III, Linear Algebra

## Experience

### 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 10,000 line eval statements from 300 Javascript files, resolving security flaws
- Spot Award – exceeded expectations

### Research Assistant

**May 2014 - June 2015**

Smith College Department of Computer Science

Northampton, MA

- Syriac Handwriting Analysis: Expanded MATLAB programs to identify authors of unsigned manuscripts
- Consulted with research team at Mount Holyoke College to assess users' needs
- Developed script chart to display most representative letters from a database of images
- Created testing framework to compare differences between sets of ancient manuscripts

### Teaching Assistant

**January 2014 - Present**

Smith College Department of Computer Science

Northampton, MA

- Held 2 hour biweekly tutoring sessions with 10-15 students, debugging assignments and answering questions
- Courses: Intro to Programming Through Python, Data Structures

## Leadership

### Head Teaching Assistant

**May 2014 - Present**

Smith College Department of Computer Science

Northampton, MA

- Created and executed screening and interview process for hiring computer science teaching assistants
- Developed and implemented training program for the teaching assistants
- Organized and lead monthly community building meetings
- Communicated student needs to professors on a weekly basis

### Smithies in Computer Science

**April 2014 - Present**

Treasurer 2014, Events Chair 2015

Northampton, MA

- Created and tracked yearly budget for club expenditures
- 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

### AEMES Student Mentor

**January 2014 - Present**

Smith College

Northampton, MA

- Cultivated relationship with student of minority background and served as academic and social resource

## Honors

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

## Languages

- Java, Python, MATLAB, HTML/CSS, Javascript