

# Aaron Young

contact@aaronwyong.com | 734.834.3820

## TECHNICAL SKILLS

Languages:

Java • Python • C • JavaScript  
MySQL • Scheme • MIPS

Web:

HTML • CSS • PHP  
Bootstrap • Django

Other

Git • UNIX • Vim •  $\text{\LaTeX}$

## EDUCATION

### OBERLIN COLLEGE

B.A. IN COMPUTER SCIENCE

Expected May 2016 | Oberlin, OH

Major GPA: 3.5/4.0

Cum. GPA: 3.44/4.0

## LINKS

[aaronwyong.com](http://aaronwyong.com)

[linkedin.com/in/aaronswyong](https://www.linkedin.com/in/aaronswyong)

[github.com/aarony422](https://github.com/aarony422)

## COURSEWORK

Data Structures

Programming Abstractions

Systems Programming

Computer Organization

Operating Systems

Computer Networks

Database Systems

Mobile Applications

Computational Modeling

Discrete Mathematics

Multivariable Calculus

## ORGANIZATIONS

COMPUTER SCIENCE MAJORS

COMMITTEE (CSMC)

Organized and hosted tutorial events (ssh, scp, MySQL) geared towards prospective CS majors.

Interviewed as a committee candidates for visiting and tenure track professor positions

## EXPERIENCE

### TEACHING ASSISTANT | OBERLIN COLLEGE COMPUTER SCIENCE

September 2015 – Present | Oberlin, OH

- Hold weekly office hours to answer questions and grade weekly homework assignments for the Introduction to Algorithms course (CSCI 280)

### RESEARCH ASSISTANT | OBERLIN SUMMER RESEARCH INSTITUTE

June 2015 – August 2015 | Oberlin, OH

- Programmed scripts in Python to analyze 800,000+ emails from disposable email addresses
- Investigated the uses and misuses of disposable email services, as well as their security ramifications

### WEB ASSISTANT | OBERLIN COLLEGE LIBRARY

September 2014 – May 2015 | Oberlin, OH

- Responsible for content management, design, and frontend programming of website hosted on Wordpress

## OTHER EXPERIENCE

### CIRCULATION ASSISTANT | OBERLIN CONSERVATORY LIBRARY

September 2014 – Present | Oberlin, OH

- Assist students and faculty with check-in and check-out, oversight of the circulation desk and reserve collection

### ASSISTANT MARKET ANALYST | TRANSPACIFIC IP

January 2014 | Taipei, Taiwan

- Researched Medical Imaging and wearable medical devices market in East Asia and the U.S.
- Performed market trend analysis and buyer information using company annual reports
- Intellectual Property research and analysis using patent database

## PROJECTS

### COOKIN | DATABASES CLASS PROJECT

November 2015 – Current | Oberlin, OH

- A recipe search web application that allows users to search a recipe database based on time, cost, tools, and ingredients as criteria

### ACCELERATEDMOTION | FACULTY MELLON FOUNDATION PROJECT

September 2014 – May 2015 | Oberlin, OH

- Dance education and literacy web project focused on improving user experience and interactivity

### SHELL | CLASS PROJECT

Fall 2014 | Oberlin, OH

- Basic Unix Shell written in C with file redirection, pipelining, and job control for running background processes

### HUFFMAN CODING | CLASS PROJECT

Fall 2014 | Oberlin, OH

- Program that compresses and decompresses files using Huffman encoding written in C