

Aaron Young

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TECHNICAL SKILLS

Languages:

Java • Python • C • JavaScript
MySQL • Scheme

Web:

HTML • CSS • PHP
Bootstrap • Django

Other:

Git • UNIX • Vim • \LaTeX

EDUCATION

OBERLIN COLLEGE

B.A. IN COMPUTER SCIENCE

Expected May 2016 | Oberlin, OH

Major GPA: 3.7/4.0

Cum. GPA: 3.57/4.0

LINKS

aaronwyong.com

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

github.com/aarony422

COURSEWORK

Data Structures

Algorithms

Programming Abstractions

Systems Programming

Computer Organization

Theory of Computation

Operating Systems

Computer Networks

Database Systems

Compilers

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

- Held weekly office hours to answer questions and graded 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

Fall 2015 | Oberlin, OH

- A recipe search web application that allow users to search based on time, cost, tools, and ingredients as criteria. We use AWS to host our file system and SQL database, Django as a backend, and Heroku as our application platform.

PARTYR | MOBILE APPS CLASS PROJECT

Fall 2015 | Oberlin, OH

- An iOS mobile application that allow users to post, rate, and comment on parties around campus anonymously, built on the Appcelerator platform.

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