

# 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

[aaronyoung.me](http://aaronyoung.me)

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

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

- Hold office hours and grade homework assignments weekly for the Introduction to Algorithms course (CSCI 280)
- Design and facilitate interactive workshops to supplement lecture material twice a week

### 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 use and misuse 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

- Performed market trend analysis and buyer information for Medical Imaging and wearable devices using company annual reports

## PROJECTS

### BPL COMPILER | COMPILERS CLASS PROJECT

February 2016 - Current | Oberlin, OH

- A compiler written in Java for the BPL language, a simple language based on the programming language C. The BPL compiler is written in 4 modules: scanner, parser, type-checker, and code generator (Assembly).

### COOKIN | DATABASES CLASS PROJECT

Fall 2015 | Oberlin, OH

- A web application that allow users to search recipes 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