

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

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

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