Aaron Young

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TECHNICAL SKILLS

Languages:
Java • Python • C • JavaScript
MySQL • Scheme • MIPS
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: 3.5/4.0
Cum. GPA: 3.44/4.0

LINKS

aaronwyoung.com
linkedin.com/in/aaronswyoung
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