

2650 Durant Ave PU-107
Berkeley, CA 94720-2274

MICHAEL M WANG

(520) 301-6817
mmwang@berkeley.edu

Education

University of California – Berkeley

Bachelor of Arts, Computer Science

GPA: 3.567

Current Undergraduate Technical Coursework: Data Structures; Structure and Interpretation of Computer Programs; Calculus; Linear Algebra; Differential Equations

August 2014 - May 2017

Employment

Tech and Marketing Intern, Specialists in Dermatology, P.L.L.C, Tucson, AZ

Summer 2015

- Debugged and stylized clinic website, www.specialistsindermatology.com
- Worked with Avaya IP Office Voicemail software to set up the office phone network
- Created marketing material such as advertisements, infographics, and physician postcards through Photoshop
- Formulated and integrated efficient marketing routes which cut delivery time by ~30%.
- Diagnosed clinic employee computer issues and resolved them promptly
- Improved office efficiency through maintaining building inventory, creating spreadsheets of physician phone numbers, surgery codes, employee contacts, and transferring clinic billing practices onto Google Drive.

Lab Assistant, CS10, CS61A: Structure and Interpretation of Computer Programs, Berkeley, CA

Spring 2015 – present

- Conducting lab reviews to resolve broken links, improve clarity of content, and debug faulty code
- Compiling reports and feedback for lab modifications and future course improvements
- Resolving student's questions and concerns regarding various code and concepts during lab section and office hours
- Supervising students during testing to ensure adherence to university policy on conduct and cheating

Student Library Employee, Moffitt/Main Library Circulation, Berkeley, CA

Fall 2014 - present

- Assisting patrons with various reference, location, and technology-related questions.
- Overseeing distribution and management of laptop loans
- Utilizing the Millennium web cataloging service to monitor pending statuses of books, archive new acquisitions, perform patron requests, and maintain accurate data.

Fundraising Board Member, Democratic Education at Cal, Berkeley, CA

Fall 2014

- Working collaboratively with other members on the fundraising board to ensure the success of the DeCal program
- Co-leading projects which achieve a 100% profit increase over previous semesters' fundraisers through effective teamwork across DeCal board specializations.
- Establishing partnership with multiple local venues while improving student-based interaction for increased fundraiser visibility and participation
- Providing expertise and guidance of Decal Program policies for students, faculty sponsors, and course facilitators

Technical Experience

Projects

- Scheme Interpreter (2015) – Used parsing and REPL to create a scheme interpreter which runs in the UNIX terminal. Python
- Restaurant Finder (2015) – Utilized the Yelp API and machine learning techniques to visualize local restaurant ratings. Python
- Ants vs. Bees (2015) – A mirror of the popular Capcom game, Plants vs. Zombies. Python.
- Hog (2015) – A competitive 2-player dice game which takes in user input and customized strategies. Python
- Running Man (2015) – Created a functional game prototype in 'Snap!' during CalHacks 1.0, recently remade with Java GUI.
- Canfield (2015) – Made a classic card game (based in England) with augmented rules and updated GUI. Java
- Lasers & Mirrors (2015) – Strategic two-player puzzle game created at HackJam 2015. Java
- Workout Journal (2015) – An application which customizes exercises and caloric intake depending on user input. Java, MySQL.
- Personal Website (2014) – mmwang.me. Designed my own website during CalHacks 2.0. Bootstrap, HTML, CSS, JQuery.

Languages and Technologies

- Python; Java; SQL; Scheme; HTML5 & CSS3; JavaScript; Ruby; jQuery
- UNIX; Eclipse; MySQL