

Max Miranda

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EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY
BA IN COMPUTER SCIENCE & BS IN BUSINESS ADMINISTRATION
Expected May 2020 | Berkeley, CA
Cum. GPA: 3.7 / 4.0

LINKS

Github:// [maxmiranda](#)
LinkedIn:// [maxamiranda](#)
Website: [maxmiranda.com](#)

COURSEWORK

UNDERGRADUATE

CS61C C Programming & Hardware
CS61A Structure and Interpretation of Computer Programs
EE16A Designing Information Devices and Systems I
CS61B Data Structures with Algorithms
DATA8 Foundations of Data Science
MATH54 Linear Algebra & Differential Equations

SKILLS

PROGRAMMING

Over 5000 lines:
Java • Python • Swift • HTML • CSS
Over 1000 lines:
C • PHP • Javascript (jQuery) • NumPy/SciPy Solidity • MySQL
Familiar:
Ruby • React • Latex
Frameworks:
XCode • Sketch (UI Design Tool) • InVision (UI Prototyping Tool) • Wordpress

ORGANIZATIONS & INTERESTS

Organizations Blockchain @ Berkeley
• Cal Mock Trial • CalHacks • AEPi Fraternity • Jack's Run for Autism
Interests Marathons • Reading • Minnesota Vikings • Acting • Latin • New York Mets

EXPERIENCE

MOBILE DEVELOPERS OF BERKELEY | LEAD IOS INSTRUCTOR

Jan 2018 – Present | Berkeley, CA

- Responsible for designing and implementing the curriculum for a Swift-based iOS development training program for Berkeley's premier mobile app incubator
- Created training content including presentations, demo projects, code snippets, and video tutorials
- Responsible for mentoring four teams per semester to develop apps and release them to the iOS App Store

UTILITY | SOFTWARE ENGINEERING INTERN

May 2017 – Aug 2017 | New York, NY

- Utility is a global web/app development agency headquartered in NY.
- Worked with contracted international developers to create and update eight projects for clients including Airbnb, Lil' Wayne, & DirecTV.
- Assisted UrLife Media in presenting to prospective clients like Royal Caribbean through webpages built with PHP.

MSSSV | WEB DEVELOPER

June 2017 – Aug 2017 | Mineola, NY

- MSSSV is a civil defense law firm in Long Island, New York.
- Independently created original Wordpress theme and website (msssv.com) using PHP, jQuery, HTML and CSS.
- Website is mobile-responsive and incorporates interactive animations.
- For the website's "Team" page, created a Wordpress back-end that automatically generates new pages for each attorney.

PROJECTS

MEET-ME | IOS MEETING SCHEDULER APP

Feb 2018 - Present | Berkeley, CA

Developed a comprehensive scheduling app (currently on the iOS App Store) that queries a user's Google Calendar to find common meeting times among friends. The app was developed alongside Fang Shuo and built entirely in Swift using Firebase.

CURRENSEE | DATA ANALYTICS ON CRYPTOCURRENCIES

Oct 2017 - Dec 2017 | Berkeley, CA & Port Washington, NY

Used Natural Language Processing (TextBlob) and Machine Learning (SciKit) to design projection models for cryptocurrencies based on social media reaction.

OMADA | A GROUP INVESTING PLATFORM

Sep 2017 | Berkeley, CA

Worked as part of a team to develop a platform for friends to buy stocks together. The website was made using Sketch, HTML, CSS, Javascript (jQuery) and MongoDB for routing. Won the best financial hack at Berkeley hackathon CalHacks.

MAXSQL | RELATIONAL DATABASE MANAGEMENT SYSTEM

Sep 2017 - Oct 2017 | Berkeley, CA

To learn more about the way SQL operates, developed a relational database management system that allows a user to create, load and join new tables from the command-line. The project included a class to tokenize user input as well as a class to interpret commands, all written in Java.