

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: 3.75 / 4.0

LINKS

Github:// [maxmiranda](#)

LinkedIn:// [maxamiranda](#)

COURSEWORK

UNDERGRADUATE

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

STAT88 Probability and Mathematical
Statistics in Data Science

SKILLS

PROGRAMMING

Over 5000 lines:

Java • Python • HTML • CSS

Over 1000 lines:

PHP • Javascript (jQuery, React) •

NumPy/SciPy Solidity • MySQL

Familiar:

Ruby • MATLAB • Latex

Frameworks:

Sketch (UI Design Tool) • React •

Wordpress

ORGANIZATIONS & INTERESTS

Organizations Cal Mock Trial

CalHacks • AEPi Fraternity • Jack's

Run for Autism • American Cultures

Engaged Scholarship Program

Interests Long Distance Running •

Reading • Minnesota Vikings • Acting

• Latin • New York Mets

EXPERIENCE

BLOCKCHAIN AT BERKELEY | SOFTWARE DEVELOPER

Aug 2017 – Present | Berkeley, CA

- B@B is a blockchain consultancy organization at UC Berkeley.
- Research and develop use cases for distributed database applications.
- Use Ethereum Virtual Machine and React to develop blockchain proof of concepts for companies like Airbus & Qualcomm.

UTILITY | SOFTWARE ENGINEERING / PRODUCT MANAGEMENT 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.
- 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

CURRENSEE | CRYPTOCURRENCY SENTIMENT ANALYSIS

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

Used Natural Language Processing and Machine Learning to design projection models for cryptocurrencies based on social media reaction. The result was presented as a data science and the blockchain workshop for hundreds of crypto experts in the Bay Area.

OMADA | A GROUP INVESTING PLATFORM

Sep 2017 | Berkeley, CA

Won the best financial hack at Berkeley hackathon: CalHacks. 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 and MongoDB for routing.

MAXSQL | RELATIONAL DATABASE MANAGEMENT SYSTEM

Sep 2017 - Oct 2017 | Berkeley, CA

Developed a relational database management system that allows a user, from the command-line, to create, load and join new tables. The project included a class to tokenize user input as well as a class to interpret commands.

BLACKJACK | COMMAND-LINE BLACKJACK SIMULATOR & GUIDE

Aug 2017 - Nov 2017 | Anchorage, AK & Berkeley, CA

Created a blackjack simulator that runs from the command-line in Python. The program includes an instructional component that tells the user when they have made an incorrect move.