

WAHAB AHMADY

UNIVERSITY OF CALIFORNIA, BERKELEY

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PROFESSIONAL EXPERIENCE

SUTARDJA CENTER FOR ENTREPRENEURSHIP AND TECHNOLOGY

Software Engineering Intern | Nanotechnology Product Development June 2018 - Present

- Collaborating with a research team of 3 and a lead researcher to gather data, script data analytics, and cross-coordinate with other teams to integrate the script with the user interface; serves as a mentor to new recruits.
- Conducting calibration testing of an e-chem board for a product prototype; Analyzed thousands of real time data points.
- Overhauled and improved previous GUI using Java Swing and provided detailed documentation, allowing for reusability.

EDUCATIONAL TECHNOLOGY SERVICES

Consultant January 2018 - December 2019

- Executed immediate front-line support for installed classroom technologies.
- Maintained a resolution rate of 90% while responding to ~40 calls a week (a higher volume of calls compared to my peers).
- Trained 5 new recruits and monitored their performance throughout the year.
- Achieved proficiency of the ticketing, monitoring queue of tasks, and executing functions of Salesforce, a data analytics software.

THE GOLDEN STATE ACADEMY

Senior Instructor August 2015 - June 2017

- Coached 50+ students on debate and oral communication at a leading speech and debate academy.
- Instructed 2x more students than my peers, took on a senior role, volunteered time on weekends, and traveled to tournaments.
- Coached 3x as many students to receive top awards.

PROJECTS

HelpingHand | Flutter, Dart

Spring 2020

- Building a mobile application that streamlines volunteering.
- Implementing a community service hours tracker and an in-app messaging feature.
- Developing a method to safeguard users from fraudulent volunteer request.

RapDuo | JS, HTML/CSS, and JReact

Summer 2019

- Building a web application that provides a collaborative platform for HipHop/Rap producer and artists using HTML, CSS, JS, and ReactJS to streamline production time.
- Implementing features that allow producers to cut response times enabling delivery of final product 80% faster.

Mobile Platform Predictor | R, Python, Pandas

Fall 2018

- Created predictive classification algorithm based on downloads and ratings to predict whether app will be more successful in iOS or Android Play Store market.
- Projected increase in downloads by up to 30%.
- Implemented various classification machine learning algorithms, Random Forest, CART, and logistic regression with a predictive capability of up to 87%.

BearMaps | Java

Fall 2018

- Developed a back-end map app (similar to Google Maps) utilizing various algorithms and data structures such as K-D Trees and A* to find the shortest path between 2 locations on the map.

GitLet | Java

Summer 2018

- Built a mini-Git (software version control system) from scratch.

EDUCATION

Aug 2017 - Jan 2020

**B.A. | APPLIED MATHEMATICS
EMPHASIS | COMPUTER SCIENCE**
University of California, Berkeley

COURSEWORK

- Data Structures and Algorithms (CS61B)
- Machine Learning and Data Analytic (IEOR142)
- User Interface and Design (CS160)
- Efficient Algorithms and Intractable Problem (CS170)
- Tech Entrepreneurship (IEOR170)
- Probability Theory (STAT134)
- Statistical Inference (STAT135)
- Real Analysis (MATH104)
- Complex Analysis (MATH185)
- Numerical Analysis (MATH128A)

SKILLS

TECHNICAL TOOLS & LANGUAGES:

Python3, Java, HTML5/CSS, JavaScript, SQL, C++, C.

KEY SKILLS:

Public Speaking, Coaching, Data Visualization and Modeling, Statistical Analysis, Scripting, Web Applications, Problem-Solving.

LEADERSHIP

UCB AFGHAN STUDENT ASSOCIATION

Communication Director

Coordinated all aspects of hosting an annual cultural banquet with 400+ attendees.

Increased event attendance by over 200%.

CITY OF HAYWARD

Mentor/Tutor

Recognized by the Mayor of Hayward for fostering the mathematical abilities of 80+ K-12 students as a STEM-tutor.

CHABOT COLLEGE

Speech Captain

I served as a captain for my high school and college speech and debate team.

Won 3rd place in national tournament against 3,000+ competitors for a scholarship award.