

## EDUCATION

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### University of California, Berkeley

2022

B.S. Electrical Engineering and Computer Science

GPA: 4.00/4.00

Organizations: Tau Beta Pi, Eta Kappa Nu, Chi Psi Fraternity

Relevant Coursework: CS 61A (Structure and Interpretation of Computer Programs), EE 16A (Designing Information Devices and Systems I), CS 61B (Data Structures), CS 70 (Discrete Mathematics and Probability Theory), EE 16B (Designing Information Devices and Systems II), CS 170 (Efficient Algorithms and Intractable Problems), CS 188 (Introduction to Artificial Intelligence), CS 61C (Great Ideas in Computer Architecture - Machine Structures), CS 189 (Introduction to Machine Learning), EECS 127 (Optimization Models in Engineering)

### Aragon High School

2018

GPA: 4.00 unweighted, 4.62 weighted, Valedictorian, National Merit Scholarship recipient

## PROJECTS

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### The Hype Advisor

April 2019 to Current

- Co-founded The Hype Advisor, a crowdsourced investing platform for assets in streetwear, clothing, and shoes
- Designed and created thehypeadvisor.com and automation resources for tracking market prices and data analytics
- Used React.js, Python, JavaScript, HTML/CSS, d3.js, and the Django REST framework.

## EXPERIENCE

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### Amazon Web Services, Software Development Engineer Intern

June 2020 to August 2020

- Created an internal full stack web application and automated workflow used by all of AWS to onboard with the AWS CloudTrail service
- Used React.js, Java, and AWS technologies including Route53, CloudFront, API Gateway, Lambda, DynamoDB, and other internal services

### ADARA, Inc., Software Engineering Intern - Palo Alto, CA

May 2019 to August 2019

- Created an application to apply data processing rules stored in a SQL table to a given range of data stored in Google Cloud with a pipeline initiated by UI
- Used Google Cloud Platform's Dataflow technology, BigQuery, Apache Beam, Maven, and Spring with code written in Java, SQL, XML, and Javascript

### Kiwi Campus, Maintenance Intern / Full Stack Developer - Berkeley, CA

February 2019 to April 2019

- Began as a maintenance intern for their autonomous delivery robots, but after recognizing inefficiencies in the maintenance workflow, developed a full stack web app to track and update the robot registry and wrote analytics to determine and predict robot breakdowns.
- Used React, Node.js, Airtable, and Airtable's RESTful API

### UC Berkeley EECS Department, Course Staff - Berkeley, CA

January 2019 to Current

- Served as a reader (grader) for CS 182 (Deep Neural Networks) and EE 16A courses and lab intern volunteer for CS 61A course

## SKILLS

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**LANGUAGES:** Python, Java, HTML/CSS, JavaScript, SQL, C

**LIBRARIES/Frameworks:** Tensorflow, PyTorch, React Native, Node.js, Express, JQuery, Django, Dataflow, Apache Beam, Maven

## AWARDS

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### Siemens Research Competition Semifinalist, Siemens Corporation

2017

Top 400 students chosen from 2000 projects.

### US Physics Olympiad Medalist American Association of Physics Teachers

2017

Among top 100 competitors in the USAPhO. Qualified 3 years in a row.

### American Mathematics Competition, Mathematical Association of America

2017

AMC 12 Distinguished Honor Roll (top 1%), 7x AMC Honor Roll (top 2.5%), 4 time AIME (American Invitational Mathematics Examination) qualifier