

**College Address**  
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## EDUCATION

### Harvey Mudd College

**Claremont, CA**

*B.S. Computer Science/Math, Concentration in Economics | GPA: 3.820 (Dean's List)*

Aug 2018 - May 2022

- *Relevant Coursework:* Algorithms, Artificial Intelligence, Programming Languages, Interaction Design, Digital Electronics, Data Structures and Program Development, Principles and Practice of Computer Science, Computability and Logic, Abstract Algebra, Number Theory, Discrete Mathematics, Financial Markets and Modeling, Probability and Statistics, Computer Science Colloquium, Computer Science and Math Clinic
- *Activities:* Atwood Dorm President, Head Tour Guide, KASAMA Filipino Club of the Claremont Colleges (Executive Board Member), Atwood Dorm Treasurer, Grader for Number Theory and Cryptography

### Stuyvesant High School

**New York, NY**

*Stuyvesant Diploma June 2018 | Cumulative GPA: 97.2/100*

Sep 2014 - June 2018

- *Advanced Classes:* AP Computer Science, AP Calculus BC, AP Macroeconomics, AP Microeconomics
- *Activities:* Student Union Chief Auditing Officer, Stuyvesant Debate Team

## COMPUTER SKILLS

- *Programming Languages:* Java, Python, C++, JavaScript, Typescript, NodeJS, ReactJS, Scheme

## WORK EXPERIENCE

### Bloomberg LP

**New York, NY (Remote)**

*Software Engineering Intern*

May 2021 - July 2021

- Developed an NLP assistant for one of the most popular fixed income functions at Bloomberg which substantially reduces the setup time for the function and allows users to more quickly perform their analyses.
- Designed, developed, and deployed proprietary Python services and NLP parser to convert plain text queries into complex fixed income "worksheets". Exposed this workflow through a UI developed in Typescript.
- Researched, designed, and implemented changes to a production MySQL database by writing Python scripts to enrich the existing dataset.
- Communicated and coordinated across multiple teams to research the NLP Assistant and an upcoming project to facilitate design discussions.
- Presented and demoed the project to engineers, product managers, and management at various project showcases.

### Google, Inc.

**Mountain View, CA (Remote)**

*Student Training in Engineering Program Intern(STEP)*

May 2020 - Aug 2020

- Designed and developed entire portfolio web application using Javascript and Bootstrap for the front end and Java Servlets for the backend. Incorporated Google Maps and Google Authentication APIs and created full-stack comment feature in order to make website more engaging for users.
- Created open source Google Search Sentiment Mapping web application using Javascript and Bootstrap for the front end and NodeJS for the backend. Utilized Google Maps API in design.
- Utilized Google Custom Search API and Google Trends API to retrieve current data for 180 countries in global top trends, using Datastore to store the data, and Google Cloud Natural Language API to analyze it.
- Created internal testing web application used by 3 teams to test multiple APIs, that decreased QA testing time by 50%, and shifted 70% of cases from manual to semi-manual testing. Utilized Google Directions API.
- Presented portfolio, sentiment mapping, and API testing web applications to 20 person team.

### Tradeweb

**New York, NY**

*Software Engineer Intern*

June 2019 - Aug 2019

- Created functional internal real time web application that continues to be used by developers at the company.
- Designed and scoped the web application from scratch based on user feedback and requirements.
- Created front end for web application using Python, Flask, Jinja, and Bootstrap.

### OleloHQ

**Manila, Philippines**

*Software Engineer Intern*

July 2018

- Programmed in JavaScript and ReactJS for tech startup OleloHQ.
- Worked on front end bug fixing, learned about the tech startup industry with 15 person team.

### Crimson Education

**Remote**

*Application Mentor*

Nov 2018 - Present

- Mentored 12th grade students through the college application process, from brainstorming and drafting to editing college application essays, with an average mentor rating of 4.9.
- Conducted mock college interviews with students for a range of schools including Stanford and Harvard.