

MICHAEL WANG

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EDUCATION

University of California, Berkeley

2022

B.S. in Electrical Engineering and Computer Science, Minor in Statistics

GPA: 4.000/4.000

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

Selected Coursework: CS 170 (Efficient Algorithms and Intractable Problems), CS 188 (Artificial Intelligence), CS 189 (Machine Learning), EECS 127 (Optimization), EECS 126 (Probability and Random Processes), Stat 155 (Algorithmic Game Theory), Stat 150 (Stochastic Processes), CS 182 (Deep Neural Networks)

Aragon High School

2018

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

PROJECTS

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

DRW, Quantitative Trading Analyst Intern

June 2021 to Current

- Worked on the Energy Options desk on the FICC Options team
- Researched and developed methods for short term implied volatility prediction

UC Berkeley EECS Department, Undergraduate Student Instructor

January 2019 to Current

- TA for CS 70 (Discrete Math) course
- Previously served as a reader (grader) for CS 70, CS 182 (Deep Neural Networks), and EE 16A courses and lab intern volunteer for CS 61A course

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

SKILLS

LANGUAGES: Python, Java, HTML/CSS, JavaScript, C, Golang

LIBRARIES/Frameworks: Pytorch, React Native, Node.js, Django, Dataflow, Pandas, Sklearn, Numpy, Statsmodel

AWARDS

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