

MICHAEL WANG

Seeking internship opportunities in software development, with focuses in machine learning, data science, and full-stack development.

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EDUCATION

University of California, Berkeley

Current

B.S. Electrical Engineering and Computer Science

GPA: 4.00

Relevant Coursework: CS 61A (Structure and Interpretation of Computer Programs), EE 16A (Designing Information Devices and Systems I), Math 53 (Multivariable Calculus), CS 61B (Data Structures), CS 70 (Discrete Mathematics and Probability Theory), EE 16B (Designing Information Devices and Systems II), CS 198-082 (Machine Learning DeCal)

Aragon High School

2014 to 2018

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

PROJECTS

The Hype Advisor

March 2019 to Current

Co-founder and software lead of The Hype Advisor. Designed and created the front page and currently working on the full application, which is planned to be a crowdsourced investing platform for assets in streetwear, clothing, and shoes.

Kiwi Maintenance

March 2019 to March 2019

A React/Node.js web-app to read and write from an Airtable database using their RESTful API, as well as sync the tables by updating the registry table as entries are added to the updates table.

WriTeX

March 2019 to Current

An in-progress project that attempts to take a photograph of text, symbols, and equations and provide a version written in LaTeX or plain text. Uses sci-kit learn, PyTorch, Tensorflow, as well as MNIST and external data.

SKILLS

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

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

AWARDS

Siemens Research Competition Semifinalist, Siemens Corporation

2017

Top 400 students chosen from 2000 projects.

US Physics Olympiad Medalist American Association of Physics Teachers

2016

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 5%), 4 time AIME (American Invitational Mathematics Examination) qualifier

ACTIVITIES

ADARA, Inc., Software Engineering Intern

May 2019 to Current

Worked on an application to apply dynamic rules to a datastream in the real time stream and on past data simultaneously. Utilized Google Cloud Platform's DataFlow technology, BigQuery, and Apache Beam and Maven with code written in Java and SQL.

Kiwi Campus, Maintenance Intern/ Full Stack Developer

February 2019 to Current

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 edit the robot registry and wrote analytics to determine and predict robot breakdowns.

EE 16A Course Staff, Employee

January 2019 to Current

Reader for EE 16A course at Berkeley. Also a lab intern volunteer for CS 61A.

Garcia Center for Polymers and Engineered Interfaces, Researcher

June 2017 to November 2017

Led a group in materials science/biology research, resulted in paper and a presentation at the Material Research Society symposium.