

MICHAEL WANG

Seeking internship opportunities in software development.

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EDUCATION

University of California, Berkeley

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), CS 170 (Efficient Algorithms and Intractable Problems), CS 188 (Introduction to Artificial Intelligence), CS 61C (Great Ideas in Computer Architecture - Machine Structures)

Aragon High School

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

Current

2014 to 2018

PROJECTS

The Hype Advisor

Co-founder and CTO of The Hype Advisor, a crowdsourced investing platform for assets in streetwear, clothing, and shoes. Designed and created thehypeadvisor.com using React.js, Python, JavaScript, HTML/CSS, d3.js, and the Django REST framework.

April 2019 to Current

Kiwi Maintenance

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.

March 2019 to April 2019

WriTeX

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.

March 2019 to Current

EXPERIENCE

ADARA, Inc., Software Engineering Intern

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. Utilized Google Cloud Platform's Dataflow technology, BigQuery, Apache Beam, Maven, and Spring with code written in Java, SQL, XML, and Javascript.

May 2019 to August 2019

Kiwi Campus, Maintenance Intern/ Full Stack Developer

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.

February 2019 to April 2019

EECS Department Course Staff, Employee

Reader (grader) for EE 16A course at Berkeley and a lab intern volunteer for CS 61A during the Spring 2019 semester.

January 2019 to Current

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

Top 400 students chosen from 2000 projects.

2017

US Physics Olympiad Medalist, American Association of Physics Teachers

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

2017

American Mathematics Competition, Mathematical Association of America

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

2017