

MICHAEL WANG

STUDENT

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OBJECTIVE

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

EDUCATION

University of California, Berkeley

2018 - Current

B.S. Electrical Engineering and Computer Science 2022

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)

Planned Coursework (Spring 2019): CS 61B (Data Structures), CS 70 (Discrete Mathematics and Probability Theory), EE 16B (Designing Information Devices and Systems II)

Aragon High School

2014 - 2018

SAT: 1580/1600, Essay: 23/24

GPA: 4.00 unweighted, 4.62 weighted, Valedictorian

SKILLS

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

LIBRARIES/Frameworks: Tensorflow / Keras, React

PROJECTS

Rocky Stocks (Cal Hacks)

Nov. 2018 - Nov. 2018

Utilizes Blackrock's Aladdin API and News API to predict changes in stock performance by analyzing text data from global news publications. I designed the project and led the development, working on the Python back-end and Flask integration.

Maps (CS 61A)

Fall 2018

Constructs a Voronoi diagram visualization of Berkeley, with regions shaded by the predicted ratings of its restaurants (yellow for 5 stars, blue for 1 star) using machine learning and a Yelp restaurant dataset. Utilizes k-means algorithm and other data processing - includes supervised and unsupervised learning.

Scheme (CS 61A)

Fall 2018

An interpreter for the primitive language Scheme written in Python.

AWARDS

National Merit Scholarship, National Merit Scholarship Corporation

2018

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

Garcia Center for Polymers and Engineered Interfaces, Researcher

June 2017 - Nov. 2017

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

SKT Lab, Frontend Developer Intern

June 2016 - Aug. 2016

Helped design and develop <http://sktlab.com/>. Used HTML, CSS, PHP