

MICHAEL WANG

STUDENT

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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

HUMAN LANGUAGES: English, Chinese, Spanish

PROJECTS

Rocky Stocks (Cal Hacks)

Nov. 2018 - Nov. 2018

Utilizes Blackrock's Aladdin API and News API to predict changes in stock performance due to 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 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