Eric Liu
Curriculum Vitae

PERSONAL DETAILS

Address	San Diego, California
Phone	(650)817-5112
E-Mail	eyl052@ucsd.edu
GitHub	github.com/twigtheoracle

EDUCATION

College   2017-2022

University of California, San Diego

> **B.S. in Data Science:** expected graduation June 2022, Major GPA 3.6. Completed capstone project at https://dsc180b-rc-rec.herokuapp.com/ (may take a minute to load).
> **B.A. in Philosophy:** expected graduation June 2022, Major GPA 3.6.

High School   2013-2017

Carlmont High School

> Graduated June 2017, Class Rank: 22/500

EXPERIENCE

Patent Writer   2020 Summer

iROK Digital Dentistry Studio

> Researched and wrote the entirety of US Pat No. 62/704,828. Learned how to write patents though book and internet sources, read over 100 patents related to a specific class of dental devices, and synthesized my research into approximately 20 pages of figures and text.

Data Science Intern   2019 Summer

FORKaiA: PLAID Project

> Used the Gracenote API and librosa to fingerprint audio samples for identification, with the end goal of creating an audio detection model to identify and classify audio samples.

Student Manager   2018-2021+

Outback Climbing Center

> Manage staff of 30 students in shifts on a quarter by quarter basis. Organize events such as climbing competitions, outreach with UCSD Housing and other on campus groups, and various summer/weekend programs and events.

Routesetter   2017-2021+

Outback Climbing Center

> Set primarily boulder problems in the range V0 to V7 for Outback Climbing Center every week for 10 to 12 hours. Critically assess feedback from the Head Routesetter, as well as from patrons of the gym.

Remote Support   2017\text{-}2021+

iROK Digital Dentistry Studio

    Primary point of contact for all telephone support for iROK DDS. Duties involve providing technical support, teaching iROK workflow to new customers, and signing up new customers.

President   2014-2017

Young Men's Service League (YMSL), Crystal Springs Chapter

    Founded the Crystal Springs chapter of YMSL. Organized a monthly 2 hour long meeting with speakers and presentations, Recruited new members by speaking to local schools, and coordinated with the national YMSL organization.

SKILLS

Computer Skills	AWS, PYTHON (PYTORCH, SKLEARN, DASK, PANDAS, DJANGO), Apache Spark, R, SQL, Git, LaTeX, C++, JAVA HTML/CSS/JS (Bootstrap 4, React, D3, Highcharts)
Software	TABLEAU, MICROSOFT SUITE, SOLIDWORKS, SIMPLIFY3D
Languages	English, Mandarin Chinese

REFERENCES

Available upon request