

TREVOR WONG

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EDUCATION

UNIVERSITY OF CALIFORNIA, LOS ANGELES

December 2023

Bachelor of Science in Computer Science

- GPA: 3.70/4.00
- Relevant Coursework: Data Structures and Algorithms, Discrete Mathematics, Linear Algebra, Logic Design, Computer Organization, Operating Sys., Algorithms & Complexity, Computer Networking, Programming Languages, Computer Architecture, Artificial Intelligence, Data Management Systems, Computer Security
- Rocket Project at UCLA, Association of Computing Machinery, Association of Chinese Americans, and Chess Club
- Creative Labs Tech Team Board Member, Member of Upsilon Pi Epsilon honor society, Dean's Honor List

EXPERIENCE

OASIS VENTURES – IT INTERN

June – August 2021

- Completely redesigned website as sole developer for Oasis Ventures, a venture capitalist firm. Redesigned website using React with an emphasis on ease of use and functionality, attracted multiple potential companies.
- Established two Ubuntu virtual machines using Google Cloud that gave 14 more employees access to an information service named Pitchbook. Saved the company over \$25,000 in yearly licensing fees.
- Increased website quality with custom CSS features like scroll snapping, anchor links, and interactive images/bios.
- Presented a SWOT analysis, return profile, and market standing of eCommerce/Supply Chain Technology sectors starting the due diligence process for potential companies.

PROJECTS

UCLA CREATIVE LABS DEV TEAM

March 2022 – June 2023

- Redesigned Creative Labs Main Website and Creative Labs Links Website using React.
- Added new features to Aurgy, Dev Team side project similar to Spotify Groups. Features include group creation, song recommendation engine.
- Lead Spotify API Workshop creating a ReactJS website for students to view Top Songs(fetched by Spotify API).

ROCKET PROJECT AT UCLA

September 2020 – June 2021

- GPS/Telemetry Lead, responsible for a team of six, designed and manufactured the GPS and Telemetry system on Prometheus sounding rocket, with design reviewed by industry professionals.
- Integrated arduino, sd card reader, GPS/cellular module, accelerometer/gyroscope, thermometer/barometer, and radio systems. Wrote custom software to interpret sensor data.
- Created a testing regimen to ensure telemetry system functionality, assembled system in Northern California, integrated into rocket in Southern California.

MALARIA AI - UCSC COSMOS

July – August 2019

- Implemented a ResNet34 Fast.ai pretrained model and a TensorFlow Keras model as a student in the UCSC COSMOS Machine Learning(ML) and Natural Language Processing(NLP) summer program.
- Identified human cells infected by malaria using convolutional neural networks(CNN) and achieved 94.22% training accuracy and 94.8% testing accuracy.
- Experimented with NLP concepts like tokenization, POS tagging, lemmatization, stop words, and stemming.
- Explained high level summaries of neural networks and ML techniques to other COSMOS students in a tech demo.

TECHNICAL SKILLS

- Java, C++, C, Python, Javascript, HTML, CSS, React, SQL.

HOBBIES & INTERESTS

- Volunteered 200+ hours at the San Mateo Medical Center