Darren Jian

darrenjian1@gmail.com | 510-786-8750

EDUCATION

UNIVERSITY OF CALIFORNIA, SAN DIEGO La Jolla, CA
| Bachelors in Mathematics-Computer Science | June 2021
GPA: 3.56

UCSD EXTENSION San Diego, CA
| Certificate in Software Engineering Management | June 2021

EXPERIENCE

SKINALYTICS San Diego, CA
| Software Engineering Intern | January 2020 - Present
- Primary responsibilities include developing internal tools and API's towards updating Elasticsearch and the DynamoDB database.
- Develop and refine the android application to enhance user experience.
- Work in an agile environment to fix bugs and implement new features.

MICROSOFT OUTREACH San Diego, CA
| Computer Science Mentor | Sept 2019 - Present
- Created Microsoft products curriculum with Microsoft student partners and program managers.
- Developed Microsoft Azure workshops to introduce machine learning to middle-school students.
- Organized workshops at UCSD with students and CS faculty to peer review curriculum before release.

GLOBAL TIES: BIRCH IMAGINEERS La Jolla, CA
| Project Member | September – December 2019
- Design an exhibit for Birch Aquarium that connects the San Diego community with Scripps Institution of Oceanography's research.
- Perform user research for a human centered design approach towards developing an accessible, captivating, and impactful exhibit.
- Break down complicated science and research making it digestible for everyone including children.

PROJECTS

ALEXA TERRARIA WIKIPEDIA SKILL San Leandro, CA
| Personal Project | June 2019 – August 2019
- Ask Alexa for information on any of the 3,778 items in the game Terraria and it will tell you the description of the item and how to get it.
- Developed an AWS Lambda Function using node.js capable of web-scraping the Wikipedia page.

CUSTOMIZABLE LED DISPLAY SPEAKERS La Jolla, CA
| Project Member | Sept 2018 – January 2019
- Developed Python script for a Raspberry Pi capable of controlling a LED lights.
- Used Adafruit library to design functions capable of displaying sprites, symbols, and the alphabet on a LED matrix.

SKILLS

PROGRAMMING
Java • Python • C • C++ • Matlab • HTML • CSS • JavaScript

TOOLS
AWS • UNIX • Vim • GDB • Latex

ACHIEVEMENTS

CHANCELLOR'S SCHOLAR
Prestigious scholarship given to approximately 30 students a year for academic excellence

ILEAD LEADERSHIP CERTIFICATION
Completion of the leadership and communication program by the Center for Student Involvement