Eric Jin

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Education

University of California, San Diego   Sep 2019 - Jun 2023
B.S Computer Science, Economics Minor   GPA: 3.8/4.0
Coursework: Advanced Data Structures, Design of Algorithms, Theory of Computability

Northwood High School   Aug 2015 - Jun 2019
Irvine, CA

Work Experience

Vote Center Service Representative   Nov 2020
- During the 5 day election week, assisted voters in accepting vote by mail ballots as well as in person voting while maintaining proper COVID-19 health and safety precautions.

Academic Tutor   Aug 2017 - Jun 2019
- Taught and assisted students in science, math and english in a private 1 on 1 environment, reviewing and reinforcing lessons learned in class
- Held bi-weekly meetings with parents to discuss students' progress and responded to their concerns
- Worked with students in small study areas and at home environments

Skills

Languages: Java, C, C++, Javascript, HTML, CSS
Frameworks: NodeJS, Express, jQuery
Other: Google Cloud (App Engine, Cloud Function, Speech to Text), AWS (S3, Transcribe, API Gateway)

Projects

Blink!
- Ported Blink! by Mattel to an online 1v1 card game. Uses **Socket.io** and **NodeJS** + **Express** for game communication. Features private game rooms and real time scoreboard updates.

whatsmycovid19risk.com
- Bilingual COVID risk assessment website, built using **NodeJS** + **Express** for the UCSD CV19 Mexico Data Challenge, which won second place in the Cross-Border Category against 40+ teams.
- Uses various user activities to calculate a personal risk score, create personalized graphs and offer suggestions.

testcasegen.com
- Small website to generate formatted test cases for programming assignments.

EchoBot
- Speech to Text Discord Bot that uses **NodeJS** (discord.js) and Google Cloud/AWS to run real time speech to text processing software for users in Discord voice channels.
- Can transcribe user speech, run voice commands and play music.

Leadership

Science Olympiad Treasurer   Jul 2016 - Jun 2019
- Collected and managed over $10,000 in funding through donations and fundraisers.
- Handled registration and logistics for various competitions as well as coordinated team meetings and other events.
- Consistent top 10 team in the 450 team SoCal region.

Other

Awards: National Merit Scholar, Revelle College Freshman Honors, 2nd place: UCSD CV19 Mexico Data Challenge
Activities: Human Powered Submarine UCSD, Strides Running, LA Hacks, SD Hacks