# Eric Jin

2jineric@gmail.com | 949-864-9284 | linkedin.com/in/twojineric | twojineric.github.io

## 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,
Intro to Cryptography, Computer Networks, Design of Digital Systems

**Northwood High School**                                                  Aug 2015 - Jun 2019
Irvine, CA

## Work Experience

**Amazon Web Services - Software Development Intern**                        Jun - Sept 2021
- Designed and integrated AWS Infrastructure using **Lambda** and **DynamoDB** to process and format Lambda workflow logs.
- Developed an internal website with **ReactJS** that displays these logs and allows for effective log query and sorting.
- Maintained testable code with **Mockito + JUnit** / **Jest** unit tests and Integration testing.

**OC Registrar of Voters - 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.

## Skills

**Languages:** Java, Javascript, Typescript, HTML, CSS, Python, Golang, C, C++, Verilog
**Frameworks/Libraries:** NodeJS, Express, jQuery, Jest, React.js, Mockito, JUnit
**Other:** AWS (S3, Transcribe, Fargate, Lambda, DynamoDB, API Gateway). Google Cloud

## Projects

**Bullet Journal Web App**
- Worked with a team of 7 Engineering students to design and develop a single page application Kanban Bullet Journal in HTML/CSS/JS.
- Planned and attended weekly Agile sprint meetings, focusing on product delivery through project trackers and user stories.
- Managed CI/CD pipelines along with automated **Jest + Puppeteer** test suites.

**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.

**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 Covid19 Mexico Data Challenge, TIME Magazine 2006 Person of the Year
**Activities:** Human Powered Submarine UCSD, Strides Running, LA Hacks, SD Hacks