

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

### Northwood High School

Aug 2015 - Jun 2019

Irvine, CA

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## Work Experience

### Amazon Web Services - Lambda SDE 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.
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## Skills

**Languages:** Java, Javascript, Typescript, HTML, CSS, C, C++, Verilog

**Frameworks/Libraries:** NodeJS, Express, jQuery, Jest, React.js, Mockito, JUnit

**Other:** AWS (S3, Transcribe, Fargate, Lambda, DynamoDB, API Gateway). Google Cloud

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## 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.
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## 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.
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## 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