

# Jason Wong

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## Education

**Computer Science, B.S. & Minor in Mathematics** California State University, Fullerton  
**Mathematics, AS-T** Pasadena City College

June 2022

June 2020

## Coursework

- Operating Systems
- Software Engineering
- File Structures & Database Systems
- Computer Organization
- Data Structures
- Object-Oriented Programming

## Skills

**Languages:** Python, C++, Java, JavaScript/TypeScript, HTML/CSS, L<sup>A</sup>T<sub>E</sub>X, Dart, SQL, R, MATLAB

**Frontend/Mobile:** React, Next.js, Gatsby, Three.js, React Native, Flutter

**Backend/DevOps:** Express.js, Flask, Node.js, Docker, PostgreSQL, SQLite

## Projects

### Portfolio Website | Javascript

July 2021

- Developed a website following mobile responsive design practices to showcase some of my work
- Built from scratch using React.js, ChakraUI, and Framer Motion and deployed on Netlify

### Spotify Seasonal Playlist Sorter | Python

April 2020

- Co-developed a web app using Flask and the Spotify API that places liked songs into playlists grouped by seasons
- Developed and designed the frontend and deployed the app onto an AWS EC2 instance
- Added a SQLite database to manage user data and playlists

### SQLite Clone | C++

June 2019

- Developed a relational database management system that supports a subset of SQL commands
- Implemented a B+Tree to index database entries for fast querying
- Implemented an SQL command parser with syntax error checking

### Sushi Shop | Java

May 2017

- Led a team to develop a sushi making game where players are given a randomized sushi order and must move a plate to catch falling ingredients to construct the order

## Work Experience

### TuffyHacks Frontend Developer

September 2021 - Present

- Built the hackathon landing page and working on implementing the hacker portal for project submissions
- Refactored the codebase to follow responsive design practices
- Worked closely with the design team to provide an effective user experience
- Used Next.js, Node.js, PostgreSQL, and hosted on Vercel

### Nex-ii LLC, Twiine Full Stack Developer, twiine.com

June 2020 - September 2020

- Built a planning and user profile page on the mobile app with support for live updates
- Developed the backend login and signup flow with support for Google, Facebook, and Email authentication
- Designed and implemented the API allowing users to schedule hangouts and send invitations to other users
- Used Flutter, Node.js, and Python on Firebase

### PCC Learning Assistance Center Computer Science Learning Assistant

January 2019 - December 2020

- Worked one-on-one with 40+ students for over 150 sessions to teach computer science concepts and debugging techniques
- Worked with professors as TA for 3 courses to help improve lectures and build long term study habits within students
- Assisted and advised staff on the transition to remote tutoring during the COVID-19 pandemic

## Leadership

### CSUF Association of Chinese Students Treasurer

May 2021 - Present

### PCC She.Codes Webmaster, Treasurer

September 2019 - June 2020