Albert Yan

https://albertyanzz.github.io/

Email : albertyanalbert@gmail.com
Mobile : +1-310-962-7374

Education

- **University of Southern California** — Los Angeles, CA
  Master of Science in Computer Science; GPA: 4.00 — *Jan. 2022 - Dec. 2022*
- **University of Southern California** — Los Angeles, CA
  Bachelor of Science in Computer Science; GPA: 3.98 — *Aug. 2018 - Dec. 2022*

Work Experience

- **USC Viterbi School of Engineering** — Los Angeles, CA
  Course Producer for Algorithms Course — *Aug 2021 - Present*
  - **Office Hours**: Spent 4 hours per week assisting students with their algorithm homework and course-related questions
  - **Gradescope**: Managed homework grading platform (Gradescope) for a class of 200+ students and graded homeworks and exams
- **Encore** — Los Angeles, CA
  Software Intern — *Jan 2022 - May 2022*
  - **Encore Web Profiles**: Implemented responsive front-end components for a web page built on ReactJS, Typescript, and MaterialUI. Made dynamic web pages using Axios and React hooks to connect components to the company's public API
  - **Stripe Payment**: Set up a payment gateway using Stripe and Express

Projects

- **Toastmasters Club Website**:
  - As a favor for one of my old Toastmasters clubs, I offered to build a website for them to showcase the club to potential members as well as provide club resources to existing members
  - Using Figma for mock-ups and Next.js as the React framework, I built a responsive single page application with custom components that matched the clients needs and streamlined club operations (mailing list sign ups, club event RSVP, meeting role sign up, membership applications)
  - Other technologies used: Typescript, HTML/CSS, Google Sheets API, sendGrid API, MaterialUI
- **Planner Web Application**:
  - Single-page application with self-made web components and a custom API using AdonisJs that creates to-do lists and stores achievements based on the number of tasks completed. Supports Google login
  - Other technologies used: ReactJs, JavaScript, HTML/CSS, Netlify, Heroku
- **Groupie**:
  - Final Project for CSCI 310 (Software Engineering). Received second highest project score (248/250) in the class out of 30+ teams
  - Worked as a back-end engineer with 4 other students to create a client-server web application based on a list of required features
  - Followed an agile based software development process. Held weekly scrums and met with a stakeholder bi-weekly to discuss progress and get feedback on current product. Adhered to industry standard gitflow
  - Coded in Java and followed test-driven development. Unit tested with Junit and Mockito
  - Other technologies used: Docker, IntelliJ, Maven

Programming Skills

- **Languages**: Java, C++, JavaScript/TypeScript, Python **Technologies**: React.js, Next.js