Brandon Wong

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EDUCATION

University of California, Davis   Davis, CA | June 2024

Computer Science, B.S.

Technology Management Minor | GPA: 3.86

Evergreen Valley High School   San Jose, CA | June 2021

Valedictorian | GPA: 4.41

EXPERIENCE

Software Engineer at #include   Davis, CA | Sept 2021 - June 2022
- Built and styled a dynamic and responsive art gallery website using Next.js.
- Used server-side rendering for SEO and improved page loading.
- Collaborated with back-end developers on the art piece API.
- Managed several engineers' changes to the codebase using Github.

PROJECTS

Shoppr   SwiftUI, Node.js, Express.js, Realm, and MongoDB
- Developed a shopping list app with SwiftUI for users to track their purchases as they shop.
- Used a text recognition ML model to scan price tags and implemented location tracking.
- Crowdsourced and stored item prices in a MongoDB Atlas instance.
- Made purchase information available through a REST API using Node.js and Express.js.

Music Map   React.js, Express.js, Knex.js, Apollo, PostgreSQL, and MaterialUI
- Leveraged the Spotify API to find people in the same area with similar music interests.
- Stored user information in a relational database, utilizing PostgreSQL and Apollo GraphQL.
- Built and styled the webpage using MaterialUI elements.
- Planned to add a world map and location tracking with the Google Maps API in the future.

Carpool App   SwiftUI, Node.js, Express.js, Pusher, Realm, and MongoDB
- Developed a carpooling app with SwiftUI in which users can find people to carpool with.
- Matched drivers to riders with a REST API created using Node.js and Express.js.
- Prepared to provide alerts through Pusher's publish and subscribe framework.
- Stored user data on a MongoDB Atlas instance and applied Realmswift to access data.

SKILLS

Tools: Git, Node.js, MongoDB, Apollo GraphQL, PostgreSQL

Languages: C++, C, Swift, Javascript, Java, Python, HTML, CSS

Libraries/Frameworks: SwiftUI, Express.js, React.js, Next.js, Realm, MaterialUI, Knex.js