

Brandon Wong

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EDUCATION

University of California, Davis

Davis, CA | June 2024

Computer Science, B.S.

Technology Management Minor | GPA: 3.80

Coursework: Data Structures and Algorithms, Statistical Modeling for CS, Combinatorics, Discrete Math

Evergreen Valley High School

San Jose, CA | June 2021

Valedictorian | GPA: 4.41

EXPERIENCE

Software Engineer at AggieWorks

Davis, CA | Jan 2023 - Present

- Will be working on a roommate matching app for UC Davis Housing in React Native.

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

Shopp

SwiftUI, Node.js, Express.js, Realm, and MongoDB

- Developed an iOS shopping list app with SwiftUI to track users' purchases as they shop.
- Used a text recognition ML model to scan price tags and implemented location tracking.
- Stored crowdsourced item prices in MongoDB and made them available with a REST API.

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.
- Prepared a world map and location tracking with the Google Maps API for implementation.

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.
- Stored user data in MongoDB and matched drivers to riders using a REST API.
- Prepared to provide alerts through Pusher's publish and subscribe framework.

SKILLS

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

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

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