

Brandon Wong

brandonw504@outlook.com | 408-229-3774 | [Website](#) | [LinkedIn](#) | [Github](#)

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

Webmaster for Alpha Phi Omega (service fraternity): Developing the website in PHP

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.
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PROJECTS

Shazam Social

SwiftUI, Realm, and MongoDB

- Developed an iOS social media app for users to share Shazamed songs with friends.
- Integrated Apple Music to play songs directly from the app using song IDs in MongoDB.
- Implemented location tracking for a map view of Shazamed song posts.

Shopp'r

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.
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SKILLS

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

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

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