

# Brandon Wong

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## EDUCATION

### University of California, Davis

Davis, CA | June 2025

Computer Science, B.S. and Statistics, B.S. (Machine Learning Track)

Technology Management Minor | GPA: 3.70

**Coursework:** Data Structures & Algorithms, Computer Architecture, Computer Networks, Statistical Learning, Time Series Analysis, Data Science, Combinatorics, Discrete Math, Technology Management

### Evergreen Valley High School

San Jose, CA | June 2021

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## EXPERIENCE

### Apple | Software Engineering Intern

Cupertino, CA | June 2023 - Sept 2023

- Developed macOS Music Recognition and ShazamKit features in Swift for >100 million monthly users
- Independently started a digital signal processing research project, developing a functional prototype
- Took initiative to pitch a new feature prototyped for an intern contest to the Health team leadership
- Performed meticulous code reviews and learned best coding and design practices

### HackDavis | Technical Director

Davis, CA | Oct 2023 - Present

- Jointly developed a secure judging app and responsive landing website for 1000 people
- Implemented CRUD operations with embeddings in MongoDB, and server actions in Next.js
- Led technical workshops, teaching SwiftUI, Next.js, and full stack development

### #include | Technical Manager

Davis, CA | Sept 2023 - Present

- Developing a content management system and an e-store framework for local clients in Davis
- Performed code reviews, enforcing industry standards to ensure site reliability and scalability
- Learned about system design and tradeoffs when architecting codebases using GraphQL and Next.js

### AggieWorks | Software Engineer

Davis, CA | Jan 2023 - June 2023

- Built and deployed a roommate matching app in React Native for UC Davis Student Housing
  - Implemented database functions, image caching, and 10+ reusable and reliable UI components
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## PROJECTS

### Shazam Social ([Github](#))

SwiftUI, Realm, and MongoDB

- Developed a social media app with MVVM architecture for users to share Shazamed songs
- Implemented user authentication, a custom map view, and a cached image component

### Shoppr ([Github](#))

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

- Developed a shopping list app to track users' purchases as they shop, producing a price API
  - Implemented text recognition and computer vision to scan price tags, saving input time
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## SKILLS

**General:** Full stack development, Machine learning, Databases (PostgreSQL, MongoDB), Git, Github, Node.js

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

**Frameworks:** SwiftUI, Next.js, React.js, Apollo GraphQL, Express.js, React Native, Realm