Brandon Wong

Website | LinkedIn | Github | brandonw504@outlook.com | 408-229-3774

EDUCATION

University of California, Davis   Davis, CA | Expected Graduation June 2025

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

Technology Management Minor | GPA: 3.67

Coursework: Data Structures and Algorithms, Advanced Deep Learning, Computer Vision, Computer Networks, Computer Architecture, Time Series Analysis, Data Science, Combinatorics, Discrete Math, Operations Management, Entrepreneurship

Evergreen Valley High School   San Jose, CA | June 2021

Valedictorian | GPA: 4.41

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
- Built hackdavis.io and judging.hackdavis.io for a student-run hackathon with over 1000 attendees
- Designed and implemented an algorithm to facilitate the judging process and ensure fairness
- Led technical workshops, teaching SwiftUI, Next.js, and full stack web and mobile development skills

#include | Technical Product 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
- Practiced 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

---

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

---

SKILLS

General: Full stack development, Machine Learning, Databases (PostgreSQL, MongoDB), Git CLI, Github

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