

BRYAN KHOR

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PROFESSIONAL SUMMARY

Detail-oriented Computer Science graduate with a 3.97 GPA and hands-on experience in frontend development, technical support, and administrative coordination. Proven track record of developing user-facing applications that improve accessibility and user engagement. Passionate about leveraging technology to enhance user experiences and workflows within mission-driven environments.

PROFESSIONAL EXPERIENCE

Oppia - CodeDay Labs | Remote

Software Engineer Intern | June 2024 – August 2024

- Collaborated with a cross-functional team and eBay mentor to enhance Oppia, an open-source education platform improving access for underserved communities, directly impacting 100,000+ global users.
- Fixed critical frontend bug using Angular, HTML, and CSS, enabling users to click the restart button regardless of mobile navigation bar state, improving user experience for 30% of mobile users. [View Contribution](#)
- Overcame technical challenges deploying Oppia's Docker-based server environment, reducing deployment time by 25% through research and systematic problem-solving approaches.

San Francisco State University | In-Person

Front Office Student Assistant | January 2024 – May 2025

- Serve as primary point of contact for 500+ students, faculty, and staff at the Computer Science Department front desk, maintaining a 98% satisfaction rating through professional communication and problem resolution.
- Manage departmental communications by processing 50+ daily emails, coordinating room reservations for 20+ weekly events, and serving as an informational liaison between stakeholders.
- Support daily operations by performing administrative tasks, maintaining supply inventory, and assisting with the coordination of department activities, including career fairs and technical workshops.

TECHNICAL SKILLS

Frontend Technologies: HTML5 | CSS3 | Bootstrap | jQuery | Figma | Tailwind CSS | Framer Motion | React | Next.js

Programming Languages & Build Tools: Python | Java | C++ | Javascript | TypeScript | Git | GitHub | Drupal

Development Methodologies: Agile | Scrum | Kanban

Database & Cloud: Firebase | Firestore | MySQL | AWS EC2

EDUCATION

San Francisco State University, San Francisco, CA

B.S. Computer Science | August 2021 – May 2025

GPA: 3.98

PROJECTS & OUTSIDE EXPERIENCE

Quick Cart | February 2025 – March 2025

- Designed and developed a modern e-commerce platform featuring seamless cart management, a dynamic dashboard, and real-time order tracking, achieving a 95% Lighthouse performance score.
- Built a scalable full-stack application using React, Next.js, and Firebase, supporting 500+ concurrent users with 40% faster page load times compared to industry standards.
- Developed responsive design resulting in 35% improved mobile user retention and 20% increase in conversion rates.

Recipe.io | October 2024 - November 2024

- Developed a comprehensive recipe application with advanced search and filtering capabilities using React and Firebase, resulting in a 30% increase in user engagement and a 25% longer session duration.
- Implemented interactive star rating system and comment functionality with Firestore backend, generating a 20% increase in user-generated content and community interaction.
- Integrated Google Authentication for secure user login and refactored CSS with Grid and Flexbox for responsive design, improving mobile retention by 25% and earning positive feedback on usability.

RoomieFinder | August 2024 – December 2024

- Led frontend development as UI/UX lead, creating high-fidelity wireframes and prototypes in Figma, resulting in 90% user approval rating during the testing phase.
- Developed full-featured application including user profiles, real-time chat functionality, dynamic property listings, and role-based access control supporting 200+ active users.
- Optimized data storage and retrieval by integrating MySQL with Express.js backend, deployed on a scalable AWS EC2 instance with 99.9% uptime and 50% reduction in query response time.