

BRYAN KHOR

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PROFESSIONAL EXPERIENCE

Oppia - CodeDay Labs

Remote

Software Engineer Intern

June 2024 – August 2024

- Collaborated with a team of three and was mentored by an eBay software engineer to contribute to Oppia, an open-source education platform that aims to facilitate the creation and sharing of interactive learning activities.
- Fixed a frontend bug using Angular, HTML, and CSS, enabling users to click the restart button regardless of the mobile navigation bar state, improving the quality of life for at least 30% of users. ([Code](#))
- Overcame the challenge of using Docker to build the Oppia server. Multiple attempts of research were needed to find a solution to the error.

Timesketch - CodeDay Labs

Remote

Software Engineer Intern

September 2023 – October 2023

- Contributed to TimeSketch, an open-source forensic timeline analysis tool used to collaboratively examine, analyze, and investigate event-based data.
- Implemented hover tooltips for icons in a Vue.js codebase using lifecycle hooks and directives to dynamically display descriptions.

San Francisco State University

San Francisco, CA

CSC211 Software Lab Instructor

January 2022 – December 2022

- Introduced Java programming concepts and lab assignments to 120 students through engaging and informative lectures.
- Enhanced student performance with hands-on support, as evidenced by a 15% increase in average assignment scores tracked through grading analytics.

EDUCATION

San Francisco State University

San Francisco, CA

B.S. Computer Science

August 2021 – May 2025

- **GPA:** 3.98
- **Relevant Courses:** Data Structures, Intro to Web Software Development, Software Development, Operating System Principles, Analysis of Algorithms, Software Engineering, Intro to Database Systems

PROJECTS & OUTSIDE EXPERIENCE

Online Recipe App

San Francisco, CA

Personal Project

October 2024 - November 2024

- Developed an online recipe application with a user-friendly interface, advanced search, and filtering features using React and Firebase, boosting user engagement by 30%.
- Implemented a star rating system and comment section using React, with data stored in Firestore, enabling recipe reviews and praise, boosting user-generated content by 20%.
- 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.

Banking App

San Francisco, CA

School Project

August 2023 – December 2023

- Developed a feature-rich banking app with deposit, withdrawal, transfer, and refund capabilities.
- Utilized Java for a robust backend and HTML, CSS, JavaScript, and React for an intuitive frontend.
- Integrated MongoDB for efficient data storage and retrieval.

Photo Storage App

San Francisco, CA

School Project

August 2022 – December 2022

- Created web pages, including reading and processing user input submitted through web pages, client-side and server-side programming, connecting a web page to a database, and building an Internet Application.
- Developed understanding of Linux, Git, GitHub, and working knowledge of basic web stack technologies like HTML, CSS, JavaScript, NodeJS, and Express.

TECHNICAL SKILLS

Frameworks & Tools: Bootstrap | React | Node.js | Express.js | jQuery | Git | GitHub | Figma | Firebase

Programming Languages: C++ | Java | Javascript | Python | SQL | HTML | CSS