Cameron S. Yee

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Education

University of California Davis   **Graduation Date: June 2023**
Bachelor's of Science in Computer Science   GPA: 3.8/4.0
Relevant Coursework: Full Stack Web Development, Data Structures and Algorithms, Object Oriented Programming in C++, Programming and Problem Solving in C, Discrete Mathematics for Computer Science, Operating Systems

Work Experience

HackDavis (Hackathon)   Davis, CA
Technical Director   January 2022 - Present
- Reinvented Hackathon 2022 website using JavaScript, React.js, and CSS to create main landing page and dashboard for over 1000+ users
- Implemented team-finder and team-creator using Google Firebase and React.js to store/update user data
- Collaborated with other HackDavis teams like Design and Operations to increase productivity by over 50% and to ensure effectiveness of the front-end user interfaces

Oneboard.live   Davis, CA
Full Stack Developer Intern   May 2021 - December 2021
- Developed checklist for new users utilizing Google Firebase functions and React.js components to automate completion of tasks in real time, lowering the turnover rates of new users by over 20%
- Increased customer retention and signups by 3000+ new customers by storing user data and metrics from Google Firebase and displaying in an admin page, allowing marketing team to effortlessly view analytics
- Integrated Draft.js to provide a customizable text editor into the Oneboard chat feature

Google Developer Student Club (GDSC)   Davis, CA
Technical Lead   November 2020 – November 2021
- Created Discord bot by using its API to communicate with Discord Server Chats and interact with users
- Initiated collaboration and coordinated with external organization PIXEL to build custom profile website for company, increasing new user engagement by over 20%
- Led a presentation demonstrating how to build a portfolio website using Bootstrap, HTML, and CSS to 100+ programmers and boosted viewership of workshops by over 150%

Technical Projects

Weather App   August 2021
- Fetched and integrated weather API using Axios.js and React Hooks to gather data into a readable format
- Displayed gathered data into front-end using React.js and pre-styled CSS components

Personal Portfolio Website   July 2021
- Constructed with React.js, customized with Tailwind CSS, hosted on Netlify (https://cam-yee.netlify.app/)

Slack Server App   February 2021
- Utilized Bolt framework from Node.js, Slack APIs, webhooks, Express.js, and Axios to invent a Slack App that creates polls and also notifies a Slack channel when any event happens in any Github repository
- Integrated the Google Translate API to also translate any message using 15+ languages for global use

Smart and Safe Security System   January 2021
- Designed a web page to use the webcam to survey an area and gather data on the number of people and relays said data to a database to determine whether an area is too crowded for comfort
- Quickly adapted to learn and utilize React.js, Node.js, HTML, CSS, and JavaScript to build the security web page while also utilizing the machine learning capabilities of tensorflow.js to detect people in frame

Apartment Finder   January 2020
- Built apartment-finder prototype that won first place out of 400+ participants for Best Use of UiPath
- Quickly adapted to learn and implement data-scraping, python and its libraries, and k-means clustering to build a working apartment-finder in under 24 hours

Skills

Programming Languages: Python, JavaScript, C++, C, HTML, CSS
Frameworks/Technologies: Google Firebase, Tailwind CSS, Node.js, React.js, Vue.js, Git, jQuery, Express.js, MongoDB, VIM, Unix, AJAX, axios.js, Heroku, Netlify, Google Testing Framework
Honors/Awards: First Place at HackDavis 2020 (hackathon) for Best Use of UiPath Automation Hack, Second Place at HackDavis2021 (hackathon) for Best Use of TensforFlow.js, Dean's Honor List for UC Davis (top GPA)