

CAMERON HARRIS

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OBJECTIVE

Soon to graduate software engineering student seeking an entry-level position to contribute to challenging projects, expand technical skills, and collaborate with experienced professionals to deliver value to users

EDUCATION

San Jose State University, B.S. Software Engineering

May 2024 (Expected)

- **GPA:** 3.3
- **Relevant Coursework:** Data Structures and Algorithms, Object Oriented Design, Database Management Systems, Computer Organization, Computer Networks, Information Security, Software Quality Engineering
- **Cybersecurity Foundations Certificate**

PROJECT EXPERIENCE

NBA Stat Tracker, Personal Project

Jan 2024 - Present

- Created a dynamic **Android** application using **Expo Go** and **React Native** for streamlined development
- Prototyped a modern and user centered interface for **mobile** devices using **Figma** and Material 3 design practices
- Facilitated smooth application navigation using **Stack Navigator** and a combination of tab and modal components
- Integrated the NBA's live data **API** with an **Express** backend using **Axios** to retrieve current game box scores
- Utilized **Android Studio** virtual emulator to ensure UI consistency across many device types

Golf Course Management Platform, Class Project

Jan 2024 - Present

- Developed a **React Native Android** application with an **Express** backend using previous experience
- Prototyped a functionality and efficiency focused interface for **tablets** with business needs in mind using **Figma**
- Took on a **project management** role to lead a team of two in the development of a React website
- Scheduled a 16 week development plan with detailed two-week **sprints** and guidance
- Held bi-weekly **standup meetings** with **code review** to ensure project deadlines and expectations were met

Pickup Finder, Class Project

Nov 2023

- Created seven **MySQL** queries for inserting and retrieving event data and integrated them into an **Express** backend
- Developed a **React** front end to interface event functionality using **Axios** to interact with our backend API
- Implemented a **SQL trigger** to delete a team and its roster if the team captain leaves the event

Electronics Review Website, Class Project,

Apr 2023

- Devised a comprehensive project plan with a teammate by **breaking down scope** into manageable weekly tasks
- Architected an efficient **API** using **Postman** to test **Express** routes and controllers
- Secured user passwords with salted hashing and validation using the **bcrypt** library
- Modeled a robust database schema using an **entity-relationship diagram**
- Implemented the **Mongoose** library to model document objects interfacing with a **MongoDB** database
- Integrated backend structure with a **React** frontend using **Axios** to facilitate smooth data flow and user interactions
- Styled elegant React components using **Tailwind CSS** for rapid development
- Hosted a live demo using **GCP App Engine** for the front and back end

Organic Food Ordering & Delivery Service, Class Project

Nov 2022

- Developed a **JavaScript** based shopping cart system for an organic produce e-commerce website
- Created **PHP** request handlers to efficiently retrieve and store information in a **MySQL** database
- Utilized **XML** and vanilla **JavaScript** to make requests to the **PHP** request handlers
- Optimized website for user experience with **CSS** styled **HTML**
- Collaborated with a team of six developers to build and deploy with an **agile** framework, contributing to weekly **stand-ups**, **code reviews**, and **sprint planning** sessions

TECHNICAL SKILLS

- Skills: JavaScript, NodeJS, Express, React, React Native, Java, C/C++, SQL, MongoDB, Mongoose, Python, Flask, HTML, CSS, Agile, GCP (App Engine, Cloud Build), Expo Go, Axios, ERD Design, Tailwind CSS
- Tools: VS Code, IntelliJ, Git, GitHub, Postman, Android Studio, Figma

PROFESSIONAL EXPERIENCE

Cart Attendant Supervisor, Spring Hills Golf Course, Watsonville, CA

Mar 2021 - Present

- Demonstrate time management and self-accountability by independently managing shifts
- Exercise leadership by marshaling the course, coordinating over 100 golfers per shift to adhere to company policies and maintain a smooth flow of play
- Clean and maintain facilitation of over 50 golf carts efficiently and to the highest standard