

SEAN O'CALLAGHAN

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EDUCATION

University of California Merced

BS Computer Science and Engineering *GPA: 3.8*

Merced, CA

August 2019 - May 2023 (Expected)

WORK EXPERIENCE

Vista Real Estate <http://vistaviewings.com/>

Lead Web Developer

Redding, CA

June 2020 - Present

- Designed a website to provide house viewings during the Coronavirus Pandemic that has serviced 10 luxurious homes.
- Corresponded with Realtor's throughout Vista Real Estate to discuss listings for the application.
- Integrated Git within the website to create changes and add new listings.

SKILLS

Proficient: Java, Python, HTML, CSS, Bootstrap

Familiar: React, Firebase, C++, Javascript

PROJECTS

Twitter Clone Backend

June 2020 - Present

<https://github.com/Sean-OCallaghan/Backend-Practice>

- Programmed a Firebase API that handles GET requests to fetch user information with POST requests to handle user submissions for the profile section and posts.
- Authenticated passwords using Javascript and Firebase authentication to ensure security for users.
- Automated errors to be displayed visually to the user and stored in a JSON array to be used within React.

Twitter Clone Frontend

June 2020 - Present

<https://github.com/Sean-OCallaghan/Frontend-Practice>

- Constructed card and profile components that can be edited with new information by the user.
- Managed the state of the user throughout the application to adjust the navigation bar and the profile section.
- Passed props through various components to maintain styling for the application and skeletons when loading the components.

Portfolio Website:

August 2020 - Present

<https://sean-ocallaghan.github.io/Portfolio-2020/>

- Customized a personal website to display my efforts as a Web Developer.
- Embedded a responsive design to fit any screen size using flex and grids through Bootstrap
- Pioneered a learning opportunity for undergraduates utilizing my website as a workshop series.

JavaScript Challenges

August 2020 - September 2020

<https://github.com/Sean-OCallaghan/JavaScript-Challenges>

- Created unique challenges utilizing different aspects of JavaScript including object oriented programming and JSON arrays.
- Manipulated HTML using DOM to display headers and replace results.
- Customized a fully playable blackjack game with interactive sounds that play when a choice is made.

LEADERSHIP

External Outreach for the Association for Computing Machinery

June 2020 - June 2020

- Spearheaded a portfolio building workshop teaching 50 undergraduates about design elements in HTML, Bootstrap, JS and CSS.
- Communicated with 20 Professors and Teaching assistants to connect with undergrads and increase engagement within the club.
- Provided feedback within weekly leadership meetings to adjust plans for events or introduce new ideas.