

# Edmond Li

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## EDUCATION

University of California Davis – 3.66 GPA | *BS Computer Science* | June 2022

## TECHNICAL SKILLS

JavaScript, React, Redux, HTML, CSS, Python, Node.js, Express.js, Java, C, C++, MySQL, Golang, R, Git, AWS

## EXPERIENCE

Frontend Engineer Intern

Mar 2021 – Jun 2021

*BusySquirrels*

- Enabled the BusySquirrels Tips Chrome Extension notification function by setting up a Javascript IndexedDB database that logs every compatible website visited.
- Designed the UI for the BusySquirrels Tips Chrome Extension including the saved dropdown feature and feedback page using Javascript and React with Hooks.
- Identified and repaired bugs on the BusySquirrel website such as broken webpages and images for missing stores, resulting in a fully functional website.

Communication Team Backend Engineer

July 2020 – May 2021

*RoveCrest UC Davis*

- Engineered 60 frame-per-second video streams by creating sockets between the server rover and client base with Python and Arduino by taking advantage of multithreading modules.
- Designed UIs with Javascript and Node.js to display video footage and GPS from server backend and passed the preliminary design review

## PROJECTS

Shop Until You Drop | (*React/Redux, express.js, D3, College Scorecard API, Replit*)

[live](#) | [github](#)

*An application that estimates the cost of university developed using the Express server and React-based frontend*

- Spearheaded API connectivity by manipulating the AJAX request to generate a URL that retrieves the appropriate data from the College Scorecard API
- Parsed the data from the API to calculate the discount the user receives and display the numbers on screen in an easy-to-understand manner.

Fitness Log | (*Javascript, express.js, Sqlite3, D3, Node.js, Replit*)

[live](#) | [github](#)

*A fitness tracker application developed with 1 other engineer*

- Leveraged Sqlite3 database to store fitness data uploaded by users, and to avoid injection attacks in the database; thus, improving security and user experience.
- Taught the express server how to generate data for a reminder in response to a GET request by picking the most recent planned activity from the database and send the information back to browser in the HTTP response.