

# Herman Xie

(415) 975-1341 [Github Profile](#) [LinkedIn Profile](#) [Personal Site](#) hxie8@ucsc.edu

**SKILLS** React, Rails, JavaScript, Ruby, jQuery, Redux, TDD, HTML5, CSS3, SQL, Git

## PROJECTS

**YooToob** (Ruby on Rails, JavaScript, React, Redux, CSS3, Webpack, PostgreSQL, AWS)

[Live Site](#) | [Github](#)

*A YouTube clone where users can upload videos, comment on them, and like videos*

- Implemented a relaxed user authentication system that allows for anonymous users to browse and watch videos, but are locked out of uploading, commenting, and liking videos. User authentication system encrypted passwords through the use of BCrypt
- Designed a custom dropdown that can open and close by clicking an HTML5 element, but also closes when clicking anywhere outside of the HTML5 element that took advantage of event propagation
- Intertwined AWS S3 with the app to allow for extended storage of video files increasing project adaptability

**SWEETT** (MongoDB, Express, React, Redux, CSS3, Node, Webpack)

[Live Site](#) | [Github](#)

*A time tracker app where users can create, read, update, and delete categories, tasks, questions, and goals*

- Linked MongoDB backend to store data increasing organization while securing information through a 3rd party application
- Coordinated with team effort to create an application that works together intuitively
- Controlled React components and states to create an intuitive single-page application

**DiceWars** (JavaScript, HTML5, CSS3, Webpack)

[Live Site](#) | [Github](#)

*2-4 player JavaScript game rendered on canvas based on the popular board game Risk*

- Randomized hexagonal grid to simulate a different board every game increasing the value of replayability
- Animated board actions through asynchronous functions manipulating canvas to enhance user experience
- Minimized time complexity of helper functions such as calculation of contiguous sum to maintain project scalability

## EXPERIENCE

**Walgreens**

**San Francisco, California**

*Customer Service Associate*

June 2018 – August 2018 & June 2019 - August 2019

- Queried store database to assess stock of certain items in other branches and directed customers to alternative branches minimizing loss of sales due to out of stock items
- Achieved inventory manager of the month by organizing stock I was responsible for and keeping the sales floor stocked
- Initiated customer care for every customer to both promote sales by preventing customers from leaving empty handed, and deterring shoplifting by announcing your attention to everyone on the sales floor

## EDUCATION

**App Academy**

**San Francisco, California**

*Curriculum of Study in Web Development (Ruby on Rails and JavaScript)*

August 2019; October 2019 – February 2020

**University of California, Santa Cruz**

**Santa Cruz, California**

*Bachelor of Science in Biochemistry and Molecular Biology*

Class of 2019