# Danny Phan

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## Skills

React.js, Redux, Java, JavaScript, Python, HTML5, CSS3, Ruby, Ruby on Rails,  jQuery, SQL, postgreSQL, Firebase, MongoDB, AWS, Heroku, Webpack

## Education

**App Academy**   |   Spring 2020  |  San Francisco, CA
**University of California, Santa Cruz,** BA of Psychology, Minor of Computer Science  |   Spring 2019  |   Santa Cruz, CA

## Projects

**Welp**                                                                                                    live site | github
JavaScript , React / Redux , Ruby on Rails , postgreSQL , CSS3 , AWS , Heroku , Google Maps API
A business review app inspired by Yelp.
- Constructed front end logic to use in conjunction with Google Maps API to filter businesses within specific map boundaries. Applied google maps idle event listener to allow the user to redo the search by dragging the map around.
- Devised backend logic to populate state depending on the user's search and populate it with businesses of the same type. Wrote front end logic to filter the results in the state based on the cost and ratings of the business.
- Utilized Amazon's Web Services S3 to store and display all images.

**The Binding of JS(aac)**                                                                              live site | github
JavaScript , React / Redux , MongoDB . Express . Node.js . CSS3 , Heroku . Websockets
Worked collaboratively in a team environment to create a multiplayer rogue-like game.
- Led a team of 4 to formulate front end game design. Took lead to design the user interface, render and edit sprite images, and implement game logic.
- Integrated React Konva to animate sprite sheets. Constructed front end logic to listen to keydown events and move the sprite depending on the event.
- Designed monsters to smoothly follow the player by updating its own position via the player's xy coordinates.

**Fairshare**
HTML5 , JavaScript , React Native . Firebase
A bill splitting mobile app that allows the user to manually input data or take a picture of the receipt and automate the process.
- Integrated React Native Tesseract OCR (Optical Character Recognition) and designed an algorithm to parse texts from pictures of receipts to automate the bill splitting process.
- User's have three options to split the bill: splitting the bill evenly, splitting the bill unevenly, and taking a picture of the receipt. Applied Paypal API to allow users to send money to each other.
- Incorporated facebook login that stores Facebook users' email and birthday to the firebase database.

## Experience

**Sales Floor Team Leader & Visual Leader**   |   November 2012 - November 2014
Express
- Led team of 9 colleagues by offering direction and providing constructive feedback.
- Strategically planned and delegated work to employees based on individual strengths.
- Cultivated and maintained effective relationships with management and team members.