

ADRIAN HORNING

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SKILLS

JavaScript, React.js, Ruby on Rails, HTML5, CSS3, Redux, Git, SQL, PostgreSQL, Node.js

WORK SAMPLES

Vinyasa | Single page project management web application (inspired by Asana)

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

React.js, Redux, Rails, JavaScript, Webpack, PostgreSQL

- Hand rolled full user authentication utilizing BCrypt to hash and salt passwords
- Designed RESTful API to fetch data from the backend, which supports CRUD operations for tasks
- Utilized React lifecycle methods to handle local state changes
- Employed Redux to manage global state for tasks, projects, and teams
- Leveraged Active Record associations and JBuilder to limit AJAX calls by including data from associations

Asteroids | Recreation of the classic arcade game

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

Vanilla JavaScript, HTML, HTML Canvas

- Designed with OOP principles and prototypal inheritance to keep code DRY
- Used W. Randolph Franklin's Ray Casting algorithm to detect collisions among objects on the screen
- Implemented trigonometric functions to calculate velocity/rotation of ship and asteroids

Roommez | Web application that makes finding roommates easier

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

MongoDB, Express.js, Node.js, React.js

- Architected front-end using 2 AJAX calls to build Redux store for the entire application
 - Built user profile preferences section using HTML form and AJAX call to update profile
 - Designed the site which leverages minimalist design, providing an intuitive user experience
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EXPERIENCE

Human Resources Intern

June 2015 - Sept 2015

ON Semiconductor

- Automated new-hire processes, including new hire packets, training plans for new hires, and emails to managers
- Saved the company \$10,000+ by utilizing SharePoint 2013 to make 5 frequently used forms available electronically, resulting in streamlined and automated approval workflows

Human Resources Intern

Jan 2015 - May 2015

C-A-L Ranch Stores

- Designed and developed new-manager training program, effectively training 100+ managers
 - Created training materials on 50+ topics including HR, IT, Purchasing, Operations, Accounting, and Marketing
 - Developed and organized Standard Operating Procedure manual for Store Operations
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EDUCATION

App Academy

March 2017

1000+ hour software development course with less than 3% acceptance rate

Brigham Young University - Idaho

December 2016

BS - Industrial Organizational Psychology