

# ADRIAN HORNING

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## SKILLS

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

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## WORK SAMPLES

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

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

*React.js, Redux, Rails, Ruby, 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 and Redux store to allow users to see realtime task title updates
- Leveraged Active Record Associations and JBuilder to limit AJAX calls by including data from associations
- Created joins tables to eliminate duplicate information and unnecessary columns in database

**Asteroids** | Recreation of the classic arcade game

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

*Vanilla JavaScript, HTML, HTML Canvas*

- Designed with Object Oriented Programming 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 backend to build Redux store for the entire application
  - Built user profile preferences section, using HTML form and AJAX call to update users 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 <3% acceptance rate

**Brigham Young University - Idaho**

December 2016

*BS - Industrial Organizational Psychology*