ADRIAN HORNING

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SKILLS

JavaScript, React.js, Ruby on Rails, HTML5, CSS3, Redux, Webpack, Git, SQL, 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, JavaScript, Webpack, PostgreSQL
- Hand rolled full user authentication utilizing BCyrpt 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 trigonomic 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