

Collin Smith

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[Portfolio](#)



[Github](#)



[LinkedIn](#)

WORK HISTORY

Software Engineer, NatureBox

Oct. 2015-Nov. 2017

Built an e-commerce front-end with a React & Flux architecture using a RESTful API.

- Implemented designs with extensive use of React and CSS.
- Helped design and implement greenfield front-end architecture using flux for state management, gulp for the build process, and an express server.
- Played a leading role in building a static site using Hugo and ruby scripts.
- Upheld rigorous testing standards using jest and enzyme.
- Managed deploy process by working with Nginx and Jenkins.
- Updated API endpoints in the back-end Magento codebase.

SKILLS

JavaScript · React · Flux · CSS3 · Sass · HTML5 · Git · Gulp · Backbone · Jenkins · Ruby · Rails · SQL · PHP · Magento

PROJECTS

Theme Park List

[Live](#) · [Github](#)

Single page web app for filtering and finding theme parks.

- Built with Backbone.js, consuming a RESTful JSON Rails API.
- Tailored SQL queries allow users to search, sort, and filter parks.
- Customer authentication using Bcrypt.
- Curated data on weather, costs, and rides for over 100 parks.

Chess

[Github](#)

Ruby implementation with a command line interface.

- AI finds checkmates, checks, and attacking moves.
- Board's deep dup method allows testing possible moves for check without changing game state.
- Slideable and Steppable modules reduce code reuse.
- Uses null object pattern to represent empty squares.

Asteroids

[Live](#) · [Github](#)

Classic game built for the browser with JavaScript.

- Uses HTML5 Canvas to render in the browser.
- Key handlers use the setInterval method for smooth movement.

EDUCATION

Software Engineering

2014-2015

App Academy

- Full stack web development program. Acceptance rate < 5%.
- Built my own Ruby web framework and object-relational mapper.

An Introduction to Interactive Programming in Python (Coursera)

University of Oregon

2009-2013

BS in Biology and Political Science

- GPA: 3.45
- Included coursework in calculus and statistical analysis.