Collin Smith

collin@collinsmith.me
(541) 653-7667
1200 Barton Hills Dr, Apt 325
Austin, TX 78704

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 · Backbone · CSS3 · Sass · HTML5 · Git · Gulp · Jenkins · Ruby · Ruby on Rails · SQL

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 setInteval 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.