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COLLIN SMITH

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.
- Custom SQL queries allow searching, sorting, and filtering of parks.
- Custom authentication using Bcrypt overrides User#password= method to store secret hash instead of plain text.

Asteroids.js Live · Github

Classic game built for the browser with JavaScript
- Uses HTML5 Canvas to render in the browser.
- Key handlers set intervals to provide smooth movement.

Chess Github

Ruby implementation with a command line interface.
- AI finds checkmates, checks, and attacking moves.
- Custom deep dup method on the board allows checking if a move will leave the player in check before executing it.
- Slidable and Steppable modules simplify the design and reduce code reuse.
- Board uses null object pattern for empty squares.

SKILLS   JavaScript · Backbone.js · Ruby · Rails · Git · SQL · jQuery · CSS · HTML

EDUCATION   **App Academy** August 2015

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

University of Oregon June 2013

BS in Biology and Political Science
- GPA: 3.45
- Included coursework in calculus, statistical and analysis.

Ongoing Coursework 2014-2015
- Completed Coursera courses in programming and data science.
- Self directed study of online curriculum for Ruby and Rails.

WORK HISTORY   **Driver, Track Town Pizza, Eugene** 2013-2014
- Received orders and delivered to customers.

Lab Consultant, Whitman College Tech. Services 2007-2008
- Aided students with computer difficulties.
- Serviced printers and computers in labs.