Chris Sloop

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Experience

Valet Gourmet · Asheville, NC · January 2014 - July 2015
- Architected PHP/MySQL storage, data scraping, and metrics application
- Headed up systems administration (using Debian with nginx), including server installation, deployment and data migration (234k+ orders)
- Employed MySQL on demand to retrieve custom metrics

WesACB · June 2011 - May 2015 · github
- Developed production-grade forum engine with BBS-style assets
- Regularly deployed features and refactored code to scale with demands of rapidly-growing user base (3.7k/mo unique visitors, 119k+ posts)
- Managed transition of codebase from PHP/MySQL to Rails 4
- Designed full unit/integration test suite with Rspec and Capybara

Recent Projects

Slipmat · live · github
Single-page web application using Rails as an API for Backbone.js.
- Hand-rolled user auth, using Omniauth for Facebook and Google log-in
- RESTful, namespaced API routes with nested JSON templating
- Import utility makes use of Discogs API to construct seed data
- AWS-integrated file upload using Paperclip and Figaro

Chess Suite · github
Ruby chess and checkers suite developed for CLI
- ChessUtils module and class inheritance structure DRY up code
- Checkers AI breadth-first searches move tree to determine the best possible move sequence
- Custom-built CLI parser enables UI with algebraic chess notation

Snake.js · live · github
Browser-based Javascript remake of the classic arcade game
- Implements core gameplay using jQuery events and DOM manipulation
- Smooth rendering engine only redraws changing portions of the screen
- Snake AI implements adopted A* algorithm to find apple

Skills

Ruby, Ruby on Rails, JavaScript, jQuery, Backbone.js, Node, SQL, git, PHP, HTML, CSS, rspec, Capybara, TDD, nginx, AWS

Education

App Academy · New York, NY · July - October 2015
Full-stack web development course · acceptance rate < 5%
- Built my own Ruby object relational mapper with SQLite

Wesleyan University · 2012 · 3.5 GPA · History
- Awarded university-funded Davidson Grant for individual research in New York City public education