

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](https://github.com)

- 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 adapted A* algorithm to find apple

Skills

Ruby • Ruby on Rails • JavaScript • jQuery • Backbone.js • Node.js • SQL
PHP / MySQL • 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 Davidson Grant for research in NYC public education