

Objective

Create elegant, scalable software with a strong focus on supporting the local community through open-source software.

Experience

DEVELOPER, VIGET LABS

JANUARY 2008 – PRESENT

Act as technical lead on multiple Ruby on Rails projects with responsibilities that include leading weekly code reviews, identifying and implementing refactoring opportunities, and maintaining a quality code base via a disciplined test-driven development methodology. Provide mentorship to junior developers via frequent pair-programming sessions.

Bypass

Developed a mobile point of sale platform using `jQtouch` and Ruby on Rails. The platform is comprised of a web-based mobile ordering application, touch screen fulfillment interface, and an administration application that services multiple stadium venues.

DwellAgent

Worked as lead developer on a subscription based real estate marketing application using Ruby on Rails. The application allows real estate agents to generate custom listing pages with virtual tours, custom themes, and domain name support. In addition, agents can generate and manage an agency website with featured listings, `IDX` integration, and several supporting CMS features.

KaBOOM! Playspace Builder

Led a team of developers to create a playground project management system using Ruby on Rails. The application provides both users and admins with a toolset to assist in planning and building community-driven playground construction projects.

Heycraig

Used Sinatra and DataMapper to develop a web application that allows people to receive email alerts for items they are searching for on craigslist. The project resulted in `craigslist`, an open-source Craigslist search wrapper.

DEVELOPER, MATRIX GROUP

NOVEMBER 2004 – DECEMBER 2007

Developed multi-tier application using MSSQL, NHibernate, C#, and ASP.Net in order to streamline a lengthy paper and mail-based process.

Focused on applying design patterns and an object-oriented architecture to handle multiple core system upgrades over a 3-year period.

Developed a central e-commerce and membership database by integrating with an in-house Python-based association management system.

DEVELOPER, IBT

JANUARY 1999 – NOVEMBER 2004

Managed a web application development project for a third-party health care claims management company.

Performed network administration duties at 9 small-to-mid-size client networks in the D.C. area.

Education

B.S., Computer Science, George Mason University, 2006

Community

Ruby Hacknight

Co-Founded a Ruby user group focused on bringing together beginner and experienced hackers in a friendly setting.

Hackday

Helped plan and lead a series of free 1/2 day workshops on various Ruby and Ruby on Rails topics such as Refactoring Rails Controllers & Test-Driven Development in Rails.

Learning Processing

Started a bi-weekly session focused on teaching artists and designers how to program using Processing.

Presentations

Distributing Your Data: A presentation on some of the concepts behind distributed data stores. Presented at Devnation Portland.

ART&&CODE: Presented to the staff at Viget Labs in an effort to generate interest in Processing among non-developers.

Lily and the Monome: A presentation on visual programming languages, their purpose and their features. Presented at Developer Day DC.

DRb, Rinda, & Mack: A small presentation on concurrency in Ruby using DRb, Rinda, and Mack.

fixture_replacement: How to escape the bonds of using yaml fixture data.

searchlogic: A brief introduction to searchlogic.

Open Source

radarb: A ruby gem that makes using the Outside.in API simple

simple_importer: Simple API for importing from csv, tsv and xml

multilife: PureData midi sequencer for the monome driven by the game of life

hurl: rb-appscript wrapper built to assist in scripting terminal events

craggs: Search across multiple craigslist locations

rmonome: Ruby monome library

lilylife: Game of life sequencer in lily

sonifier: Turn a web page into beeps/glitches, sequence them with a monome

monomap: Lily patch that allows you to control a google map with the monome

processing: My processing sketchbook

mephisto_github: Mephisto plugin that exposes the github api through a liquid tag

talks: various presentations and associated assets

pygrack: Syntax highlighting middleware via the Unofficial Pygments API

metaprogramming: A collection of notes, codes and various further readings that accompanied the December 12th Hackday event.

gotascii.github.com: jekyll driven github page

lwjac: light-weight jsonp comments

objc: Learning Objective-C for the iPhone

js-templates-benchmark: Benchmarking Handlebars.js and Moustache.js

Writing

Viget Labs Extend: Author posts on Ruby and Ruby on Rails topics. The latest posts can be reached [here](#).

sorescode.com: Publish articles on various topics both developer and personally oriented.