

Adam Rosini

Example Projects:

Ruby on Rails Starter App: <https://github.com/arosini/rails-starter-app>

This is a link to my Rails 'starter-app'. It contains my preferred Rails development stack, functionality many apps would require, bits of code I find myself using in various projects, UI design patterns that I prefer, a heavily opinionated use of the Rails framework and my personal favorite, a generic set of Cucumber steps.

The Progress Reporter: <http://progressreporter.herokuapp.com>

This is a Node/Express project which I wrote in graduate school as part of my coursework. It pulls data from an SQL database, crunches it into some meaningful statistics, and then displays those statistics in tables and graphs. The SQL database is owned by a team of PhD students who are trying to build a program which uses NLP to help students learn.

Stat Compiler for DotA2: <https://play.google.com/store/apps/details?id=edu.cmu.heinz.arosini.dotaapp>

This is an Android app I wrote in graduate school as part of my coursework. It compiles a DotA2 player's stats from their most recent games by sending requests to an established API, through a web service we also had to write.

My Personal Website/Online Resume: <http://www.adamrosini.com>

I wrote my personal website using the static website framework Middleman, along with HAML, SASS and CoffeeScript. I chose middleman because it contains all the front-end goodies that come with Rails, however was designed for static websites and doesn't have all the unnecessary backend components.

Work Experience:

Associate Software Engineer at UPMC Enterprises (January 2015 – present):

During my time at UPMC Enterprises, I have learned a lot about agile/scrum as well as working with a larger team. I have worked on two major projects so far. The first project I worked on was an already mature Rails API which processed unstructured medical documents. The project I am currently working on is a brand new API using Spring which serves data in the new healthcare standard format, FHIR.

Ruby on Rails Developer at AthleteTrax (May 2013 – August 2014, full time during the summers):

At AthleteTrax, I helped developed all aspects of the company's Ruby on Rails application. My day to day responsibilities included helping to think of new functionality, designing/implementing code architecture using MVC, creating automated tests with Cucumber and maintaining the integrity of the database. Some of the more specialized projects I worked on were adding Google Analytics to the application, designing/implementing the primary Sign Up form, designing/implementing the home dashboard (including a Facebook-style news feed which scraps news from various athletic news sites) and refactoring the automated test suite to be more consistent, reusable, have less repetition and cover more edge case functionality.

Education:

Graduate	
School	Carnegie Mellon University
Location	Pittsburgh, PA
Dates Enrolled	Fall 2013 – Fall 2014
Degree	M.S. Information Systems
Degree Focus	Software Engineering
Cumulative QPA	3.60

Undergraduate	
School	Carnegie Mellon University
Location	Pittsburgh, PA
Dates Enrolled	Fall 2009 – Spring 2013
Degree	B.S. Information Systems
Minor	Computer Science
Cumulative QPA	3.01

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Technology Skills:

Technology	Self-Rating	Experience
HTML/CSS	★ ★ ★ ★ ★	Consistent use over the past 10 years.
Rails	★ ★ ★ ★ ★	3 years academic, 2 years personal, 3 years professional
Ruby	★ ★ ★ ★ ★	3 years academic, 2 years personal, 3 years professional
Java	★ ★ ★ ★ ★	6 months professional, 6 years academic
Cucumber	★ ★ ★ ★ ★	2 years personal, 2 years professional
Junit	★ ★ ★ ★ ★	6 months professional
Spring	★ ★ ★ ★ ★	6 months professional
JavaScript	★ ★ ★ ★ ★	1 year academic, 1 year professional, 1 year personal
SQL	★ ★ ★ ★ ★	2 years academic, 1 year professional
Sencha Touch	★ ★ ★ ★ ★	6 months academic
MiniTest	★ ★ ★ ★ ★	6 months personal
RSpec	★ ★ ★ ★ ★	4 months professional
NodeJS/Express	★ ★ ★ ★ ★	1 year academic
Docker/Kubernetes	★ ★ ★ ★ ★	2 months professional
MongoDB	★ ★ ★ ★ ★	3 months professional
Android	★ ★ ★ ★ ★	1 month academic
C	★ ★ ★ ★ ★	1 years academic