

Arthur Gunn

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In Short

I **taught myself programming** making flash movies dynamic with actionscript 1 (check out a [2004 example](#)), and subsequently upgraded to 2 and 3 which I use with flex. I **know many languages** but am **concentrating on ruby / rails** and the ecosystem of technologies around them for the backend, **with ember.js, d3.js and other javascript** libraries for the frontend. Looking after many rails sites I have become comfortable setting up and maintaining servers. Currently I'm using rails on ruby 1.9.3 on passenger on nginx on ubuntu 12.04.

I've discovered that it pays to do things right. In the ruby world, this means fixing problems where I find them, making tests and pull-requests. Doing this with languages, I've **contributed to ruby and macruby** . As far as gems go, I've **contributed to cells, rails_admin, rspec and thor** . For a more complete idea of my open source work, please see my github account.

I like making graphical UIs that are intuitive and instantly responsive - as exemplified (hopefully) by my GunnMap and AstroTour projects below. I'm now using ember.js for organising large projects with Javascript. I'm experimenting with [web components](#) which I strongly suspect will power the next generation of frontend frameworks, and node-webkit for a way to package web-apps for the desktop.

Projects

A selection of my most interesting online work.

[MixMatters.com](#) - Programmer and sys-admin February 2011 - Present

A music website for insiders. Has 10s of GB of content uploaded and organised through [rails_admin](#), a gem I've contributed lots to. Custom pages editable with [Mercury](#). Served with nginx, postgres and couchbase. Testing done with rspec and capybara.

[Vitae](#) - **Designer and programmer.** December 2010 - Present

A structured CV publishing system, specifically the one used to generate and possibly serve this CV.

Content is defined entirely in YAML. The generator and server are packaged in the one rubygem. Testing done with minitest.

GunnMap - Designer and programmer January 2008 - Present

A web app for making maps of country demographics. Wikimedia has a [list](#) of some of the generated maps they're using. Uses rails 4 and D3.js. [Previous version](#) made in flex. Testing done with jasmine-rice.

AstroTour - Designer and programmer - December 2007

An interactive, customisable, scriptable, 3D, in browser simulation of the solar system. Written in flex, can load 'tours' defined in a custom xml format.

Expertise

