

Steve Zelaznik

219 6th St Apt 4C, San Francisco, CA, 94103 • 410-375-8414 • steve.zelaznik@gmail.com

Summary

- Five years building actuarial and financial simulation software.
- Equally versed in agile and test driven development.
- Graduate of App Academy, acceptance below 5%.

Actuarial Exams Passed

➤ P ➤ FM ➤ MLC ➤ MFE ➤ C

Computer Skills

➤ Ruby On Rails ➤ Python ➤ PostgreSQL ➤ Javascript ➤ jQuery
➤ Git ➤ Numpy ➤ CSS ➤ Backbone ➤ Excel/VBA

Professional Experience

AEGON Asset Management

Derivatives Analyst

Jan 2012 – Jun 2015

Baltimore, MD

- Researched alternative hedging strategies. Projected savings: \$50 million/year.
- Designed new random seed generator, speeding convergence time by a factor of 30.
- Built audit trail for daily hedging, reducing turnaround time and error rates.

AEGON Group Risk

Actuarial Analyst

Oct 2008 – Jan -2012

St Petersburg, FL – Baltimore, MD

- Built API to manipulate actuarial software from Excel. It became known as the 'Miracle Tool'.
- Rebuilt interest rate curve engines for use for 31 countries. Went live in 3 weeks.
- Improved the efficiency of VBA tools for financial reporting, shortening 21 days of work to 5.

KDNK Public Radio

News Director

Feb 2007 – Oct 2008

Carbondale, CO

- Created news department; helped bring station to second highest rated in market

Projects

Cosmo-Connect

<http://www.cosmo-connect.com/>

- Dating website built with Rails, PostgreSQL, and BackboneJS
- Used PostgreSQL triggers to keep data consistent, materialized views to speed up rendering.

Frozen-Dictionary

http://www.github.com/zelaznik/frozen_dict

- Python extension in C for immutable, hashable, O(1) mappings.
- Complete unit test coverage, more lines for tests than original code.

Chess

<http://www.github.com/zelaznik/chess>

- Follows object oriented best practices to play chess in Ruby.

Education

App Academy

Full Stack Training: Ruby, Rails, Javascript, JQuery, SQL

June 2015 – August 2015

San Francisco, CA

University of Wisconsin - Madison

Bachelor of Science: Economics and Applied Math

Aug 2002 – Dec 2006

Madison, WI