Steve Zelaznik

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Summary

- Graduate of App Academy, acceptance rate less than 5%.
- Five years building financial simulation and valuation software.
- Designed and built full audit trails to reduce runtime and operational risk.

Computer Skills

➢ Ruby On Rails	➢ Python	➢ PostgreSQL	➢ Javascript	➢ jQuery
➢ Git	➢ Numpy	➢ CSS	➢ Backbone	➢ VBA

Professional Experience

AEGON Asset Management   Jan 2012 – Jun 2015
Derivatives Analyst   Baltimore, MD

- Converted existing valuation systems from Excel to a RDMS in Python/PostgreSQL.
- Designed and built fully automated system to measure interest rate risk.
- Vetted and verified research papers sent from investment banks.

AEGON Group Risk   Oct 2008 – Jan -2012
Actuarial Analyst   St Petersburg, FL – Baltimore, MD

- Built XML API to modify and validate actuarial software inputs from Excel.
- Rebuilt interest rate curve engines in VBA for use for 31 currencies. Went live in 3 weeks.
- Improved efficiency of financial reporting VBA tools, decreasing 21 days of work to 5.

KDNK Public Radio   Feb 2007 – Oct 2008
News Director   Carbondale, CO

- Created news department; helped bring station to second highest rated in market
- Reported on economics, the environment, and immigration to regional audience.
- Trained teenagers in KDNK's youth radio program.

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 creates an immutable, hashable, O(1) associative array.
- Can recursively freeze sets, arrays, and other associative arrays and mappings.

Chess   **http://www.github.com/zelaznik/chess**
- Followed object oriented best practices to play chess in Ruby console.

Education

App Academy   June 2015 – August 2015
Full Stack Training: Ruby, Rails, Javascript, JQuery, SQL   San Francisco, CA

University of Wisconsin - Madison   Aug 2002 – Dec 2006
Bachelor of Science: Economics and Applied Math   Madison, WI