

STEVE K. ZELAZNIK

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SUMMARY

- Lover of math and puzzles. Five years solving puzzles through finance and financial software.
- Eventually software became more interesting and rewarding puzzle than finance.
- Left the fold. Learned full-stack. Switching to a career in software full-time.

EDUCATION

University of Wisconsin Madison, WI 2002 – 2006
Bachelor of Science in Mathematics
Bachelor of Science in Economics

App Academy San Francisco, CA 2015 - 2015
Immersive Full Stack Course Acceptance Rate < 5%

WORK EXPERIENCE

Aegon Asset Management Baltimore, MD 2012 – 2015
Derivatives Analyst / Data Architect

- Researched alternative hedging strategies. Projected savings: \$50 million/year.
- Built audit trail in Python/PostgreSQL for daily hedging, reducing setup time and error rates.
- The audit trail tracked the data flow for actuarial models with more than 300,000 customers.

Aegon Group Risk Baltimore, MD 2008 – 2012
Actuarial Analyst

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

Kdnk Public Radio Carbondale, CO 2007 – 2008
News Director

- Produced local and regional coverage of immigration, energy, and environmental stories.
- During tenure, ratings rose to second highest in the market.

SKILLS

Ruby, Ruby On Rails, RSpec, Python, SciPy, Git, CSS3, SASS, Bootstrap, JavaScript, Backbone, jQuery, PostgreSQL, SQLite3, HTML5, Angular, Agile Development, TDD

PORTFOLIO

competitive-minesweeper.com

- Player races a robot to clear their board first. Pixel perfect clone from Windows.
- Uses CSS3, Javascript Canvas, and event listeners. Glyphicons for fast loading.
- Facebook and open graph meta tags make for easier sharing to social media.
- GitHub: [zelaznik.github.io/minesweeper](https://github.com/zelaznik/minesweeper)

cosmo-connect.com

- Restful single page app in BackboneJS for fast updating.
- Fully normalized data, Postgres triggers keep data consistent.
- JSON rendered in Postgres for faster performance.
- GitHub: [zelaznik.github.io/cosmo](https://github.com/zelaznik/cosmo)