Sean Smyth
Web Developer

Website
Github
LinkedIn

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Skills

HTML | CSS | JavaScript | Ruby | Ruby on Rails | SQL | Git | GitHub

RSpec | Bootstrap | ActiveRecord | Quantitative Analysis

Projects

Bootcamp Overflow / Github

StackOverflow clone web application built with a team of five using Ruby on Rails on the backend and Bootstrap, HTML and CSS on the front end.

- Agile Methodology
- Object Oriented Programming
- Pair Programming
- Ruby on Rails
- Git and Github
- Database management

Stock App / Github

Stock tracking web application built using Ruby on Rails and IEX API on the backend, Bootstrap, HTML and CSS on the front end.

- API Integration
- Git and Github
- Database management
- Ruby on Rails
- Bootstrap
- Charting

JavaScript Hangman / Github

Hangman clone web application built in JavaScript, HTML and CSS

- Conditional logic
- JavaScript functions
- DOM Manipulation
- Object Oriented Programming

Work Experience

Millrace Asset Group | Berwyn, PA 2015 to 2017.
Director of Trading

- Created a company-wide portfolio risk management process which increased ex-ante risk return profile by 10-15% based on expected alpha of fundamentally derived analyst price targets.
- Implemented a technology motivational program to enhance communication and efficiency.

NorthPointe Capital | Troy, MI 2007 to 2015
Director of Trading/Co-Portfolio Manager

- Analyzed and identified excessive trading as the core cause of product underperformance; collaborated with the CIO and investment team to reduce the frequency and change the timing of trading, improving performance from the 75th to 25th percentile.
- Led the selection, business implementation and user training of third party trading, portfolio management and compliance software reducing costs by 40%.

DireXion Funds | New York, NY   2005 to 2007
Portfolio Manager/Head of Trading

- Directed a seven person team that managed 40 leveraged index mutual fund products.
- Managed the implementation of portfolio management software that reduced error rate from over 2% to under .5%

Gartmore Global Investments | Conshohocken, PA   2000 to 2005
Equity Trader/Director of Trading Operations
- Executed equity trades for a variety of mutual and hedge fund products which averaged over $10 Million in daily value.
- Tranistioned the trading operations from a manual environment to a system capable of supporting settlements of approximately 5,000 transactions daily with 99.5% accuracy.

Morgan Stanley Investment Management | Conshohocken, PA   1997 to 2000
Mutual Fund and Separate Account Administrator
- Managed third party accounting vendor relationship and ensured accuracy of daily Net Asset Value calculations.
- Prepared monthly portfolio reports for client presentations, consultant communications, and website content updates.

PFPC Inc. | Wilmington, DE 1993 to 1997
Mutual Fund Accounting Supervisor
- Promoted from entry level position to Supervisor within three years

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Education & Certifications

New York Code and Design Academy / Full Stack Web Development
October 2017 - January 2018, Philadelphia, PA

Seton Hall University/ Bachelor of Science in Accounting
September 1989 - May 1993, South Orange, NJ

Certified Financial Risk Manager (FRM), Global Association of Risk Professionals.