

SCOTT S. CARVALHO

124 Glezen Lane – Wayland, MA 01778

scottcarvalho71@gmail.com · Cell: (508)-686-6526 · GitHub: <https://github.com/Scarvy>

WORK EXPERIENCE

State Street Global Markets, State Street Associates, Cambridge, MA

Quantitative Researcher / Programmer, 2021 – 2023

- Revamped team's Python code infrastructure to enhance client reporting, indicator creation, and ad-hoc client requests
- Enhanced flexibility by optimizing our team's market indicator API for customized data requests in Python
- Collaborated with industry leaders and academics to co-author a white paper on integrating securities lending and ESG
- Presented at two State Street Annual Research Retreats to a hundred clients

Professional Development Rotational Program, Boston, MA

Senior Associate, 2019 – 2021

- Built a real-time market monitoring dashboard using Python (dash package), HTML, CSS, JavaScript, and SQL
- Rotated through four groups within Global Markets - Securities Finance Algorithmic Trading Group, Quantitative Risk, Currency Management, State Street Associates

Fidelity Investments

Intern, Family Office Services, Boston MA, Summer 2018

Intern, Market Data Services, Merrimack NH, Summer 2017

- Provided data analysis and reporting for Portfolio Communications, Data Strategy, and Portfolio Analyst teams
- Led an independent project to automate market data reporting and searching using Splunk software
- Worked with Client Experience reporting software to reduce miscalls for over 300 clients

Bentley University Service-Learning, Waltham, MA

Special Project Assistant, 2016 – 2018

- Designed and created a functional user interface for Bentley's Service-Learning and Civic Engagement Office to track 1,000+ students/year and 60+ community partners
- Collaborated with professors and university office staff to gather requirements, prioritize functions, and track progress

EDUCATION

Bentley University, Waltham, MA

BS, Major Finance, Minor Computer Information Systems, cum laude, May 2019

Vienna University of Economics and Business, Vienna, Austria

Exchange Student, Fall 2017

Bentley Investment Group – Waltham, MA

Energy Sector Analyst, Fall 2016 – Fall 2018

- Utilized Bloomberg Terminal and FactSet to review SEC filings, earnings releases, investor presentations, and research reports.
- Developed and presented stock pitches to 100+ member club and executive board

Activities: Varsity Men's Lacrosse, Club Hockey Team, Trading Society-CIO, Campus Ambassador, Parmenter Food Pantry

TECHNOLOGY SKILLS & CERTIFICATIONS

Technology Skills: Python, JavaScript, SQL, Git, GitHub, HTML, CSS

Certifications: Bloomberg Market Concepts

PUBLISHED WORKS

Whitmore, T., Carvalho, S., Wang S., (2021). Integrating ESG Considerations into Securities Lending. *The Risk Management Association*