

JASON P. RATHGEBER

Darien, CT, USA

jrathgeber@yahoo.com

www.jasonrathgeber.com

+1 203 979 8759

Summary: • Financial Analytics and Data Specialist with complete background in programming, databases, GUIs and enterprise application management.

TECHNICAL SKILLS

Data:

Qlik • QlikView Expert, QlikSense Basics, N-Printing, Server
Tableau • Tableau Server Admin, Rest API Dev
R • R Studio
Python • Scripting & Scraping Basics, ML with xg-boost
Databases • Strong PostgreSQL, Snowflake, Marklogic NoSQL

Programming:

Java • 10+ Years Pro Enterprise Java, full stack web, Groovy
Other • C# .Net, some JavaScript

Web:

Cloud • Amazon, Azure
Web Design • Squarespace, WordPress, Bootstrap

Analytics:

Fixed Income • Proprietary broker-dealer data analytics
Repo • ION e-Trading expert in all facets
Equities • Technical and fundamental analysis familiarity
FX • Develop trend following and mean reversion algorithms via MT4

PROFESSIONAL EXPERIENCE

Vice President, Credit Suisse Asset Management, New York (January 2020 –Present)

Product Owner Data Science and Analytics IT

- Manage US Analytics platform consisting of QlikSense, React JS and Python.
- Lead team of 10 developers and data scientists in disperse global locations.
- Lead global analytics strategy forum including the swiss team and IT heads.
- Sell the vision of Analytics to senior CSAM Management. Secure budgets.

- Agile project manager of all QlikSense development in Americas for CSAM.
- Hands on development of data ingestion framework via Java & Spring Batch.
- Development of some Marklogic NoSQL xquery code.
- Manager of python/ FI analytics stream. Focus on CLOs, Intex Data, PD Models.
- Leverage existing platform to enhance operational & reporting capabilities.
- Planning CSAMs cloud migration to Azure, Datalake, Snowflake
- Leading POCs for ML AI including H2O, Dataiku, Etc

Director - Amherst Pierpont Securities

New York (December 2012 – December 2019)

Front office technology for a boutique fixed-income broker-dealer in NYC

- Business Intelligence Lead: Implemented the Qlikview BI platform firm-wide. Led selection process involving other vendors such as Cognos/Tableau. Developed flagship mark-to-market dashboard to manage the firm's counterparty risk exposures. Built platform to 60 users and 40 dashboards. Trained power users, admin server and manage postgres database.
- Java Development: Worked on various enterprise Java technologies to support BI tools such as Spring-boot, Camel, Vaadin, and general database connectivity.
- Implemented Snowflake AWS database for Non-Agency MBS big-data warehousing. Automated multiple billion row table synchronization jobs from remote legacy SQL server to Aws S3 and then into Snowflake.
- Implemented Tableau server for MBS quant team. Automated batch processing with the TabCmd and REST Api's via Java. Re-pointed existing Tableau dashboards to Snowflake for huge performance gains.
- Performed many POCs on data technology such as Alteryx, Redshift, R-Shinny

Consultant, RBS, Global Markets and Banking

Stamford CT (April – November 2012)

Front office trading floor development

- The product was repo funding with an emphasis on Tri-party and MBS
- Worked on a real-time balance sheet system based on Oracle Coherence in Java.
- Introduced Qlikview & BI to the team's toolkit.

Director, UBS Investment Bank Limited, FICC Collateral Front Office IT

Zurich - London - Stamford CT (1997 – February 2012)

Pioneer of Global Repo E-Trading and STP

- Developed a multi-product Repo trading system with Java services, a TCL front end, and a Sybase database based on the ION trading platform.
- Built a global Repo ECN infrastructure from scratch to an environment comprising 5 ECN's servicing 20 Repo Traders, making 500 trades per day.
- Responsible for full SDLC of the platform.

Team Lead for Real-Time Repo Price Matrix System

- System-priced no-arbitrage global collateral curves based on OIS.
- Computed spreads to repo rates and highlighted optimization opportunities.
- Composed of a Java service on UNIX, ION Data Bus, and C# .Net gui

Business Intelligence & Reporting

- Developer of Balance Sheet, Liquidity and Funding Reporting Suite.
- Worked extensively with senior executives in Treasury and Funding.

EDUCATION

Machine Learning, Stanford/Coursera, April 2019

Financial Mathematics, University of Chicago, 2009-2011

Bachelor of Commerce (Honours), Finance, University of Manitoba, 1995