JASON P. RATHGEBER

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Summary:
- Fixed Income and Repo Funding Front Office developer with complete background in programming, databases, market connectivity, analytics, GUIs and enterprise application management.

TECHNICAL SKILLS

Data:

Qlik	• QlikSense Business Intelligence Expert
Tableau	• Tableau Server Admin, Rest API Dev
Python	• Scripting & Scraping, Ml with XG-Boost
Databases	• PostgreSQL, Snowflake and Marklogic NoSQL

Programming:

Java	• 10+ Years Pro Enterprise Java, Spring-boot, Groovy
Other	• Python, React

Web:

Cloud	• Amazon, Azure
Web Design	• Bootstrap, WordPress

AlgoTrading:

Repo	• ION e-Trading expert in all facets
Fixed Income	• Develop spread aggregation and CME bond future crossover trading algos
Equities	• Write break-out algos for Micro Cap US and Canadian stocks
FX	• Run 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
- Managed US Analytics platform consisting of QlikSense, React JS and Python. Platform based on Marklogic NoSQL DataHub abd Rest APIs
- Lead team of 10 developers and data scientists in disperse global locations.
- Lead global strategy creation forum including Swiss team and global heads.
- Sell the vision of Analytics and update senior CSAM/UBS Management.

- Manager of all Analytics development in Americas for CSAM.
- Hands on development of data ingestion framework via Java-Spring Batch.
- Manager of python analytics stream. Plan uses cases. Testing. Debug code issues.

- Currently Integrating into UBS led 'Data Insights' Data Science team.

Director - Amherst Pierpont Securities
New York (December 2012 – December 2019)

Front office technology for a boutique fixed-income broker-dealer
- Implemented the QlikView & Tableau BI platform firm-wide. Developed flagship counterparty exposure dashboard to manage the firm's counterparty risk exposures. Trained power users. Admin all servers and design database feeds.
- Developed in various Java technologies to support trading tools such as Spring-boot, Vaadin, Rest Api's, Groovy Scripting, and general database connectivity.
- Developed C# Gui for ION Trading Treasury Spread Agregation.
- Backtested algorithmic trading strategies and present results to trading heads.
- 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.

Consultant, RBS, Global Markets and Banking
Stamford CT (April – November 2012)   Developer in Short-Term Markets and Financing

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-market Repo trading system with Java server side processes, a C# front end, and a Sybase database based on the ION trading platform.
- Built up the global Repo ECN infrastructure from scratch to an environment comprising 10 ECN's servicing 30 Repo Traders, making 500 transactions daily.
- 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.
- Composed of a Java service on UNIX, ION Data Bus, and C# .Net gui

Analyst for US Rates ION e-Trading Implementation
- Configured Bloomberg, MarketAxess, and Tradeweb market gateways.
- Configured auto-negotiation rules & pricing to match legacy specs.

EDUCATION

Machine Learning, Coursera
Financial Mathematics, University of Chicago
Bachelor of Commerce (Honours), Finance, University of Manitoba