**Chunmei Zhu**

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*Chunmei has four years of experience working in large financial environments like JPMC, SMBC, UBS and HSBC. Proficient in SQL and Python/R in data analysis, monitoring and supporting data flows in global trading applications of the 2.5 years. Has worked with Linux commands to automate tasks to extract data.*

**EDUCATION**

Master of Science Data Science - CUNY-School of Professional Study (Expect 2019)

Bachelor of Science Financial Mathematics - CUNY-Brooklyn College

Certification: BCS-ISEB Foundation Certificate in Business Analysis, BCS-ISEB ITIL Foundation Certificate

**TECHNICAL SKILLS**

**P/SQL**: Oracle DB, MySQL, MongoDB, Sybase

**Machine Learning**: Supervised / unsupervised learning (Decision Tree Model, K-mean Clustering, Random Forest, Naïve Bayes, LSTM in RNN, TensorFlow)

**Statistic**: Time Series Analysis, S/ARIMA, Markova Process, PCA, Simulation, Stochastic calculus, Bayesian analysis

Others: Tableau and Excel, Data Clearing, Web Scraping, Data Mining and Visualization in Python and R, Amazon Cloud computing

**PROFESSIONAL SUMMARY**

**Application Support Analyst in International Wealth Management Jul 2018 to present**

**Kforce / Application Support Analyst for a large Financial Sector**

* Troubleshoot for critical access and data visibility issues in IPB Applications
* Explain data flow and high level infrastructure to all level internal users
* Coordinate and assist DevOps teams and users in critical urgent issues
* Provide metric analysis about team performance and application performance to high level management teams

**Data Analyst in Regulatory Data Management Team Jul 2017 to Jan 2018**

**Contractor SMBC Capital Markets Limited**

* Ran daily and monthly regulatory reports - DFA report, EMEA report, Canadian report, US report and Mandatory report
* Investigated late trade issues and analyze trade reporting status in Prism and Markitwire
* Analyzed trade error messages in XML files to find solutions of trades reporting
* Consolidated SMBC trade reports and NACK report of DTCC

**Global Production Support Analyst – FX Trading (Contractor) Nov 2016 to Jan 2017**

**FDM Group / IT Consultant for HSBC Investment Bank**

* Studied the FX data flows and system architecture in trading applications and databases
* Monitored the errors messages in the monitor tool and issues in the chat channels
* found the root causes thought internal error message and data flow logics

**Global Production Support Analyst – Collateral Trading (Contractor) Dec 2015 to Oct 2016 FDM Group / IT Consultant in UBS Investment Bank**

* Responded any issues or requests from users, level one support team and monitoring tools in a timely manner
* Conducted root cause analysis on system errors by identifying the data flows, searching related info in log files by Linux commands and extracting data by SQL queries in Oracle database
* Primary supported during the hours between American and Asian stock market gap for collateral trading applications, business data report requests, system health checks
* Maintained data in the interfaces file system, oversaw the applications as a system admin and updated
* Applied ITIL rules and Agile mythologies to rise incident tickets and performed deployment tasks using SRL and ADT Studio

**Accountant Aug 2013 to May 2015**

**St. Nicks Alliance**

* Reconciled monthly bank accounts for matching two sets of cash flow data accurately
* Monitored each project expenses in payroll, equipment, service and generated financial reports to New York City government
* Projected weekly and monthly program expenditure to assist controller and CFO budget management
* Assisted senior accountants with annual budgeting and expenditure reports for auditing