**Chunmei Zhu**

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**SUMMARY**

Highly motivated mathematics and Python/R programming with knowledge in data mining, data visualization and statistic models on supervise and unsupervised data, and hand-on skills in P/SQL, Unix/Linux, Excel (Pivot Table, Lookup) and five-year data analysis work experience

**EDUCATION**

*CUNY-School of Professional Study**-**Master of**Science Data* Science *2019*

*CUNY-Brooklyn College - Bachelor of**Science* Financial Mathematics, Economic and Accounting *2013*

**PROJECTS**

1. *Citi Bike Big Data Analysis in Python*

Data mining real time big data of Citi Bike Trips, factors analysis with adding features, applying perdition daily trip counts using time series models - SARIMA, LSTM and XGBoot

1. *NLP Wine Tasting Review in Python*

Data mining from Twitter wine review data, building wine word dictionary, word cloud for features of Verities and points, modeling weight for Naïve Bayes sentiment analysis, New Work Analysis for tasters and wines

1. *Crypto Currency Price Prediction in Python*

Web scripting real time trade from Crypto Market, building trading life cycle, feeding data to prediction time series model – ARMA, SARIMA and LSTM in NLP by flask for steam data, management account portfolio by MCMC model

1. *NYC 311 Call Analysis in R and Tableau*

Analysis real time data by frequency and correlation, modeling the features and 311 calls by linear regression, hypothesis testing on relationships of number of complain and residencies income, education, data visualization in map by Tableau to view issues by zip code and issue type.

**LANGUAGE & CERTIFICATION**

*Languages:* Fluent in English and Chinese (Mandarin, Cantonese)

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

**EXPERIENCE**

Kforce IT Consultant for J.P. Morgan Chase Co. – *Wealth Management App Support Analyst* *(Contractor)* *Jul 2018 - Current*

* Handle critical issues of access, data source in the internal system and extrude data from SQL script
* Communicate and explain high level technology logic in the system to business users

SMBC Capital Markets Limited – *Data Analyst in Regulatory Data Management (Contractor)**Jul 2017 - Jan 2018*

* Run daily and monthly regulatory reports and analyze trade reporting status in Prism and Markitwire
* Investigate late trade issues and trade error messages in XML files to find solutions of trades reporting

FDM IT Consultant for HSBC Investment Bank– *FX Trading* *App Support Analyst* *(Contractor)**Nov 2016 - Jan 2017*

* Monitored the errors messages in the monitor tool and issues in the chat channels and Splunk
* found the root causes thought internal error message and data flow logics

FDM IT Consultant for UBS Investment Bank– *Collateral Trading**App Support Analyst* *(Contractor) Dec 2015 to Oct 2016*

* Responded level one and level two support collateral trading applications in a timely manner by Linux and SQL
* Primary supported business data report, system health checks and release applying ITIL and Agile mythologies

[St. Nicks Alliance](https://www.linkedin.com/search?search=&company=St%2E+Nicks+Alliance&sortCriteria=R&keepFacets=true&trk=prof-exp-company-name" \o "Find others who have worked at this company)– *Accountant**Aug 2013 to May 2015*

* Reconciled monthly bank accounts and generated financial reports to New York City government
* Monitored project expenses and assisted senior accountants with annual budgeting and expenditure reports for auditing