

Zidong Xu

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EDUCATION

GEORGETOWN UNIVERSITY

Washington, DC

Master of Data Science and Analytics (STEM field -36 months of OPT) Expected Graduation: May, 2023

• Relevant Coursework: Data Science and Analytics, Prob Modeling/Stat Computing, Database Systems and SQL, Advanced Data Visualization, Statistical Learning for ANLY, Time Series, Natural Language Processing, Neural Nets and Deep Learning, Big Data and Cloud Computing

• GPA: 4.0 / 4.0

CENTRAL CHINA NORMAL UNIVERSITY

Wuhan, China

Bachelor of Information management

Sept. 2016 – Jun. 2020

Relevant Coursework: Management Information System, Website Design and Management, Data structure, Object Oriented Programming (Java), Supply Chain Management, Business Environment and Data Analysis, System design and development and Mathematical Thinking Methods and Their Application

• GPA: 3.61/ 4.0 (top 5%)

EXPERIENCE

GOUSEN SECURITIES CO., LTD

Beijing, China

Department of Fixed Income, Analyst Intern

Mar. 2021 – Aug. 2021

- Collect, clean and organize Investment data of regional investment platforms, track bond products.
- Extract, transform, and load text data from media platforms and official websites to perform sentiment analysis to support departmental decision-making.
- Organize materials for significant projects simultaneously, including preparing due diligence documents, helping customers prepare annual and semi-annual reports, and according to the company's internal audits' feedback updating materials.

Trip.com Group Limited

Shenzhen, China

Air Ticket R&D Department, Assistant software engineer

July. 2019 – Aug. 2019

- Use SQL to analyze data by analyzing the user's booking time, origin, and destination, one-way or round-trip, predict the factors that affect users' booking of air tickets, and observe whether the activities launched by the company have a positive impact on ticket sales.
- Use NLP to conduct sentiment analysis on user reviews collected on social media, analyze users' attitudes toward company services, and Optimize product functions based on the extracted information. By adding new function (live broadcast) to the platform, the number of views of the app has increased a lot.

PROJECTS

- chatbot
- Bigdata

DISTINCTIONS

Languages: English, Mandarin

Programming Languages: Python, R, Java, SQL, NLP, Time series analysis

Tools: GitHub, AWS (EC2/ EMR), Apache Hadoop, Spark SQL, Spark ML, John Snow LABS, Tableau, R Studio, Quarto, anaconda, VS Code, Databricks, Azure, NumPy, Pandas, Seaborn, Matplotlib, ggplot2

Machine Learning/ Deep Learning: PyTorch, TensorFlow, Kears, Scikit-Learn, OpenCV, NLTK, spaCy, Gensim, RNN, CNN, Word2Vec, Doc2vec, BERT/ GPT, Yolov5

Certification: The securities qualification certificate (China)

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