Liu **Zhen**

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Master student with financial background looking for a full time job starting from now

Education

Master of Electronics *2022 - 2024*
Nanyang Technological University *Singapore*

- Thesis: Decentrolized SLAM Swarm
- Course: Big Data Systems and Technologies | Data Mining and Exploration | Natural Language Processing

Bachelors of Engineering in Electronical Information Engineering *2018 - 2022*
Wuhan University of Science and Technology, Hubei *China*

- Thesis: Exploring the Use of Machine Learning Algorithms for Predicting Stock Prices: A Comparative Study of Regression and Time-Series Models
- Course: Database Systems | Computer Networks | Software Engineering | Artificial Intelligence

Professional Experience

Director of Data Science *2020 - Present*
XYZ Corporation *San Francisco, CA*

- Lead a team of data scientists and analysts to develop and implement data-driven strategies, develop predictive models and algorithms to support decision-making across the organization
- Collaborate with executive leadership to identify business opportunities and drive growth, implement best practices for data governance, quality, and security

Data Analyst *2017 - 2020*
ABC Company *New York, NY*

- Analyze large datasets using SQL and Python, collaborate with cross-functional teams to identify business insights
- Create data visualizations and dashboards using Tableau, develop and maintain data pipelines using AWS

Data Analysis Intern *Summer 2017*
PQR Corporation *Chicago, IL*

- Assisted with data cleaning, processing, and analysis using Python and Excel, participated in team meetings and contributed to project planning and execution
- Developed data visualizations and reports to communicate insights to stakeholders, collaborated with other interns and team members to complete projects on time and with high quality

Projects & Associations

Volunteer Data Analyst *2019 - Present*
ABC Nonprofit Organization *New York, NY*

- Analyze donor and fundraising data to identify trends and opportunities for growth
- Create data visualizations and dashboards to communicate insights to the board of directors
- Collaborate with other volunteers to develop and implement data-driven strategies
- Provide regular data analysis reports to the board of directors and executive leadership

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Certificates

2022	**AWS Certified Security**, Amazon Web Services (AWS)
2017	**Applied Data Science with Python**, Coursera
	SQL Fundamentals Track, Datacamp

Publications

Jones, S., & Brown, M. (2021). Exploratory data analysis for predictive modeling [Paper presentation]. In *Proceedings of the international conference on data science*.

Smith, J. (2020). An introduction to data analysis techniques. *Journal of data science*, 15(2), 123–145.

Wilson, D. (2022). *Machine learning for data analysis*. Springer.

Skills

Languages	English | French | Chinese
Tech Stack	Tableau | Python (Pandas/Numpy) | PostgreSQL
Personal Interests	Swimming | Cooking | Reading