

Jing Wu

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TECHNICAL SKILLS:

Python, R, SQL, MATLAB, C programming, CRM Systems, Power BI, Machine Learning, Data Analysis, Data Processing, Data Visualization

EDUCATION

BOSTON UNIVERSITY

Boston, MA

Candidate for Master of Science, Statistical Practice

Sep 2022 - Jan 2024

- Relevant Coursework: Machine learning, Applied Statistical Modeling(TA), Statistics Practicum, Data Science in R

UNIVERSITY OF MANCHESTER

Manchester, UK

Bachelor of Science with First-Class Honors, Mathematics and Statistics

Sep 2019 - Jun 2021

- Relevant Coursework: Multivariate Statistics and Machine Learning, Statistical Methods, Practical Statistics, Statistical Inference, Generalized Linear Models
- Relevant Project: PCA, clustering and hierarchical analysis for the penguins data set

DALIAN UNIVERSITY OF TECHNOLOGY

Dalian, China

Bachelor of Science, Mathematics and Applied Mathematics

Sep 2017 - Jun 2021

- Relevant Coursework: Mathematical Analysis, Higher Algebra, Probability Theory and Mathematical Statistics

EXPERIENCE & STATISTICAL PROJECT

Catapult Co., Ltd.

Boston, MA

Data science consultant

Jan 2023 - May 2023

- Contributed to the project's energy analysis and tree model building aspects, enhancing shot detection accuracy and presenting findings through interactive visualization tools.

Boston Planning & Development Agency

Boston, MA

Data science consultant

Sep 2022 - Dec 2022

- Developed and integrated an efficient function for batch data retrieval and storage from PUMS, establishing it as a reliable source for conducting comparison analysis between the target country and others.
- Developed codes for the Exploratory Data Analysis (EDA) section of the comparison data team, providing the team with comprehensive insights into key immigration indicators, enabling a deeper understanding of population trends.

KINTON Technology Co., Ltd

Nanchang, China

Data Analyst

Jan 2022 - Jul 2022

- Conducted air quality data processing and analysis, capturing crucial signals like seasonal trends and geographical distribution, bolstering meteorological analysis teams with valuable data for targeted and comprehensive analysis.
- Designed and implemented Python scripts for data extraction, automating the process and significantly reducing manual data entry errors by 15% while substantially improving efficiency by 60% approximately.
- Collaborated with the developing department to design and implement visualization scripts, facilitating database access and generating various plots with diverse metrics, leading to an approximate 80% improvement in efficiency.

Meorient International Exhibition Co., Ltd

Hangzhou, China

Data Analyst

Jul 2021 - Dec 2021

- Conduct daily data extraction with SQL, collaborating with Product Department to support their analytic needs effectively.
- Managed the day-to-day operations of the company's CRM system and provided support and training to users to ensure effective functionality of the employee information database.
- Assisted in the daily database update and generated dashboards with Power BI for other departments, providing visualization and reports for Marketing Department.

KINTON Technology Co., Ltd

Nanchang, China

Data Analyst Intern

Jun 2020 - Aug 2020

- Conducted extensive EDA on annual air quality data, pinpointing primary pollutant sources and approximate locations, subsequently presenting personalized findings to clients, establishing a strategic foundation for pollution reduction.
- Collaborated across functions, presenting data analysis insights on seasonal trends and pollution source approximations during team meetings, aiding informed on-site observations and specialized mitigation strategies.