Xiaoli Liu

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PROFILE

Results-driven software developer with 2+ years of experience in Python programming and a solid understanding of databases and data warehousing. Skilled in data visualization and able to create meaningful insights from large data sets. Familiar with AWS and its various services. Seeking a challenging role in a dynamic organization where my skills and experience can be utilized to drive business growth.

EDUCATION

Master of Information Technology   **Mar 2023 - Jul 2024**
The University of Melbourne
- Relevant courses: Cluster and Cloud Computing, Distributed system, AI Planning for Autonomy, Parallel and Multicore Computing

Bachelor of Computer Science in Data Science   **Mar 2020 - Jul 2022**
Monash University
- Relevant courses: Algorithms and data structures, Theory of computation, Databases, Deep learning, Data visualisation, JAVA foundation, Introduction to computer system, network and security, Engineering Mathematics

RELEVANT PROJECT WORK

Mobile Web Application: **Mar 2022 - Jul 2022**
Group work, Melbourne
- Led a team of three in development of a mobile web application as a Database Administrator. Adhered to Agile methodology throughout project and managed database
- Designed and implemented a PostgreSQL database using PGAdmin, utilized data cleaning techniques to process and import large sets of data into database and succeed deployed it on the Heroku platform
- Collaborated with backend development team and assisted in establishing JDBC connections for seamless access to database

Avocado Price and Volume Trend Analysis   **Jul 2021 - Aug 2021**
individual work, Melbourne
- Conducted data analysis and visualization on avocado price and volume trends using Tableau
- Imported and cleaned data from Kaggle and selected most relevant years for analysis, utilized Tableau to create interactive visualizations, including line charts and scatter plots, to showcase trends and patterns in data

EXPERIENCE

Cashier   **Nov 2019 - Feb 2020**
Neptune's Seafood Catch, Melbourne
- Excelled as a cashier and food service associate at a fast-food restaurant on the Monash University campus, delivering prompt and precise customer service in a fast-paced environment
- Managed cash transactions, processed payments, and provided customer service to diners
- Demonstrated proficiency in handling money and operating point-of-sale systems

Volunteer   **Apr 2019 - Jun 2019**
Monash College, Melbourne
- Guided with orientation of Diploma students by providing guidance and support during transition to college life
- Organized and helped facilitate various activities and events for students
- Assisted with set-up and preparation of venues for activities and events
- Contributed to creating a positive and welcoming environment for new students during first weeks at college

TECHNICAL SKILLS

Programming Language: python | SQL | JAVA | R
Technical: Flask, Pandas, Numpy(python Library), GIT, Tableau

CERTIFICATE

- AWS Certified Cloud Practitioner
- Study Melbourne Leadership Labs: Volunteer to Lead 2022