RUOBING FU

306-713-8360 | ruobingfu99@gmail.com
Saskatoon, CA

Education

University of Saskatchewan   **SK, Canada**
Bachelor of Science, Computer Science
Relevant courses: Artificial Intelligence, Algorithm Design Analysis and Correctness, Advanced Software Engineering
Hubei University   **Wuhan City, China**
Bachelor of Science, Chemical biology

Skills

- Data Analysis & Programming: Microsoft Fabric, Python (pandas, NumPy), R, SQL, Excel, Java, C
- Data Visualization: Power BI, Tableau, Matplotlib, Seaborn
- Web Development: HTML, CSS, JavaScript, React, Node.js
- Cloud Services: AWS, BigQuery
- Other: PowerPoint

Projects (https://robinfu617.github.io/portfolio/)

Covid data Analysis (Personal Project)

- Used SQL and BigQuery to analyze COVID-19 data to extract key metrics, trends, and patterns
- Applied complex SQL queries to filter, join, and aggregate data, improving data insights for targeted decision-making
- Cleaned and pre-processed large datasets, resulting in accurate visualizations in Tableau

Gender distribution in Canadian postsecondary graduates (Personal Project)

- Developed a comprehensive report analyzing the shifting trends in the past 30 years in Power BI
- Gathered, transformed and processed data by using DAX and Excel to ensure data completeness and validity
- Created dynamic dashboard to compare gender ratios by multiple fields

IEEE uSask Branch Management System (group project)

- Used Laravel PHP framework for full-stack website development, following agile and CI/CD methodology
- Established a MySQL database to handle complex data transaction and user balance tracking
- Ensured clear communication with group members and have weekly meetings with stakeholders

Work Experience

Cashier – The Home Depot, Saskatoon, SK   **February 2023-Present**

- Consistently met daily and weekly transaction goals by maintaining focus on fast, accurate service during high-volume periods
- Worked collaboratively with team members to maintain a clean, organized workspace
- Provided clear and concise communication to customers, receiving 100% cashier friendliness and checkout time from customer surveys

Research assistant – Hubei University, Wuhan City, China   **August 2018-June 2021**

- Led lab maintenance training sessions for 2-3 junior lab workers per academic year, ensuring adherence to safety protocols
- Assisted in the preparation of reports and presentations, showcasing experiment progress to graduates and professors
- Published two papers in the SCI journal before graduation, demonstrating a strong dedication to research integrity and the sharing of scientific knowledge

Volunteer

Web developer (September 2022 - present) International Students' Association (INSA)

- Led a team of four people in designing, developing and maintaining a responsive website, ensuring smooth functionality and receiving user clicks over 100 times per day