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| RUOBING FU | 306-713-8360 | [ruobingfu99@gmail.com](mailto: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