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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

**Hubei University Wuhan City, China**

Bachelor of science, Chemical biology

# Skills

* Data Analysis & Programming: Python (pandas, NumPy), R, SQL, Excel, Java,
* Data Visualization: Power BI, Tableau, Matplotlib, Seaborn
* Web Development: HTML, CSS, JavaScript, React,Node.js
* Cloud Services: AWS, Big query

# Projects (<https://robinfu617.github.io/portfolio/> )

**Covid data Analysis (Personal Project)**

* Used SQL in big query to analyze covid data from 2020 to latest data and gain insights
* Designed interactive Tableau dashboards to visualize infection rates and mortality rates across various regions
* Ensured data integrity by cleaning and pre-processing large datasets, leading to accurate and meaningful visualizations in Tableau

**Gender distribution in Canadian postsecondary graduates (Personal Project)**

* Created a dashboard with Power Bi to help discover the shifting trends in the past 30 years
* Transformed and processed data by using DAX and Excel to ensure data completeness and validity
* Developed dynamic visualizations to compare gender ratios by field of study, province, and year, highlighting trends and disparities

**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 and project alignment to meet deadlines and requirements

# Work Experience

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

* Efficiently manage customer transactions and inquiries, receiving 100% cashier friendliness and 100% checkout time from customer surveys
* Display positive and friendly attitude, fostering a favorable atmosphere within the store
* Demonstrate a strong work ethic by consistently working full shifts and covering when needed

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

* Prepared samples and conducted precise electrochemical experiments, collecting and analyzing data on daily basis
* In charge of training 2-3 lab workers to adhere to proper lab maintenance procedure per academic year
* Published two papers in 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 of team of four people in designing, developing and maintaining a responsive website, ensuring smooth functionality and receiving user clicks over 100 times per day