

# SOYEON JANG

STATISTICS `24, UNIVERSITY OF WATERLOO

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## SKILLS

### LANGUAGES

Python  
SQL  
R  
Bash

### DATABASES

BigQuery  
MongoDB  
PostgreSQL

### OTHER

Git  
Airflow  
GCP  
Terraform

## WORK EXPERIENCE

### Software Engineer - Data Engineering at League Inc., Toronto

May 2021 - August 2021

- Enabled 150+ enterprises with spending insights by developing automated **ETL/ELT**, leveraging **GCP** resources, **Apache Airflow**, **SQL**, and **Python**.
- Created fact and dimension tables by applying **Kimball's Data Modelling Principles** on large datasets.
- Prevented data alteration by establishing table schemas and access control over **BigQuery** datasets in **Terraform**.
- Minimized operational gaps by presenting data pipeline architecture to other teams.

### Software Developer at Teranet Inc., Toronto

September 2020 - December 2020

- Simplified dashboard UI to provide observability on review for data purge by implementing column sorting and selection functionalities using **ASP.NET**.
- Developed **SQL** scripts for decommissioning unused tables and stored procedures and created warning messages for production alerts.
- Improved communication, teamwork, time management and self-organization skills by actively participating in all aspects of **Agile-Scrum**.

## PROJECTS

### Home Library Management System

August 2021 - Present

- Developed a home library management system for a family member of 5 in **Java** using **Swing components** and **MongoDB** to store book information.

### Calbot - Tech+ UW

March 2021

- Built a Discord bot in **Python** to create, modify, delete and view events using custom Discord commands to inform and engage 250+ users in the Tech+ Discord server.
- Integrated custom bot commands with the **Google Calendar API** to improve usability and increase convenience for the Tech+ executive team.

## EXTRA-CURRICULAR ACTIVITIES

### Production Manager, Participant Experience Director at TEDxUW

February 2021 - Present

- Led Participant Experience team of 3 in securing logistics, creating seamless virtual conference experience and overseeing the operations details for 100+ participants.

## EDUCATION

### Bachelor of Mathematics in Honours Co-op Statistics

September 2019 - May 2024