Yizhen Wang

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Work Experience

Junior Data Analyst, Platform and Content Group

Shenzhen Tencent Holdings Ltd. - Shenzhen, China
October 2020 to February 2021

• Established a one-month Support Project for Top 5k-10k content producers by using A/B Test and Regression model; visualized the results by using Tableau; increased 32% of views after the project.
• Optimized SQL codes by reducing Join, used methods like Mapjoin, and split tasks to solve the error of data skew; improved the tasks' efficiency and reduce 80% of running time when generating daily and monthly reports.
• Cleaned 100 billion data from the database and completed over 30 tasks independently by using Hive SQL.
• Constructed and designed a new structure of the database on the perspective of the content producers with the IT department and the product manager.

Director of Scriptwriting

UTRMB Filmmaking Club - Toronto, ON
January 2016 to December 2019

• Guided club members to compose scripts for two annual micro-movies (one nominated by Cardiff Mini Film Festival), one on-going series and one Reality Show.

Junior Data Analyst, Global Operation Support Department in the Call Center

Shenzhen DJI Technology Co., Ltd - Shenzhen, China
June 2019 to September 2019

• Designed and built a Regression model on a 300k dataset with R to predict an eCommerce platform Black Friday Sales Event's working schedule for the Call Center personnel; the prediction had an accuracy of 90% comparing to the real working schedule.
• Built a Cluster K-means model and a Poisson Model to analyze call solutions to classify different calls with R; the results were used by the Call Center's management for strategic purposes.
• Extracted, transferred, and analyzed unstructured data to into meaningful, actionable information; created visualized dashboards in Excel by utilizing pivot tables and VLOOKUP, and R by using ggplot2.
• Wrote a program to optimize the shift tables and attendance report by Excel VBA, improved the efficiency and accuracy of the monthly report provided to Human Resource Department.

Leader of Diplomacy Department

Shenzhen Overseas Students Association of Canada (SOSAC) - Toronto, ON
January 2015 to December 2018

• Coordinated with 5 renowned corporations in China(Huawei, DJI, etc.) and created visiting opportunities for the Association members.

Education

Master's degree in Data Science

University of Chicago - Chicago, IL

2021 to 2023

Bachelor's degree in Economic and Mathematics

University of Toronto - Toronto, ON

2015 to 2020

Skills

- Python
- Data Analysis
- Databases
- MySQL
- Analytics
- Microsoft SQL Server
- SAS
- Tableau
- R
- Data Warehouse
- A/B Testing
- SQL
- JavaScript

Languages

- Mandarin - Expert
- Spanish - Beginner

Certifications and Licenses

SAS Certified Professional: Advanced Programming Using SAS 9.4

August 2020 to Present