

PROFESSIONAL PROFILE

I am a result-oriented and self-motivated individual who enjoys working in a fast-paced environment. I have a solid background in data analysis and worked as IT Data analyst during my Work experience. I am certified in SAS and proficient with programming in SQL, R, Oracle and Python. I am currently looking for a Senior data engineer role.

SKILLS & ABILITIES

Data Analysis: Master in Python, SQL (Oracle, MYSQL, SQL Server), R, MATLAB, SAS (Certified Advanced & Base Programming)

Tools: GCP, Tableau, R Shiny, Matplotlib, Power BI, Azure

Office Productivity: Excel, VBA

WORK EXPERIENCE

IT Data Analyst III

TD Bank

Toronto, ON

Apr 2022 – Present

- Onboarded 16 Risk Data Link core products from end to end in Microsoft Azure. Designed table schemas and built ETL pipelines for different types of financial risk data from various sources, including but not limited to S3 bucket, SQL database, third-party API, etc.
- Created various data Quality Assurance (QA) scripts to ensure data completeness and consistency. Enhanced accuracy of data for the Enterprise Risk Protect Factory (EPRF) team, eliminating more than 90% potential errors
- Used Python and Excel VBA to applied automation and innovation to continuously improve and optimize data processes and systems aligned with business strategies. Built summary and detailed tabs for each KRI, offering stakeholders a comprehensive view of risk-related data and providing valuable insights to support effective risk management
- Maintained detailed records of testing results and bugs for each sprint using Jira and Confluence, improving visibility and tracking of software defects. Designed and developed comprehensive (User Acceptance Testing) UAT testing closure reports for every release, documenting the results of UAT testing as a UAT lead and providing actionable recommendations for the development team

Analyst, Master Data

Bimbo Canada

Toronto, ON

Apr 2021 – Apr 2022

- Successfully designed and implemented a robust data pipeline for production data using python script, seamlessly integrating disparate sources into Oracle Cloud. Enabled real-time updates for 1000+ new products, implemented a data quality framework, and ensured consistency across channels. Achieved increased operational efficiency and real-time insights for data-driven decision-making
- Resolved master data integrity issues and collaborated with business stakeholders to identify root causes and implemented corrective actions
- Collected business requirements and developed data marts to support business goals, implemented standards for collecting and storing data
- Developed data quality framework for ensuring data supplied by business are complete. Designed and implemented data collection templates for Creation of Customer, Vendor, materials and Pricing conditions on Oracle, Commercial Platform and Salsify
- Created complex SQL queries for launched products and monitored the performance of the products, improved the problems that may occur in the setup of the products and optimize the database in all platforms

Graduate Teaching Assistant

Wilfrid Laurier University

Waterloo, ON

Jan – Apr 2020

- Instructing 100+ undergraduate students from different disciplines in Calculus, Probability and Statistics
- Facilitating learning by providing leadership, one-on-one consultation and mentorship on course material
- Evaluating papers, assignments and examinations ensuring data integrity and quality

**Intern, International Investment Bank M&A Financing
China Construction Bank**

**Beijing, China
May – Jul 2018**

- Worked closely with Legal and Audit department to conducted due diligence for a high-profile private placements project for 360 Total Security
- Performed in-depth industry, company and competitor analysis for investment targets evaluation
- Developed financial models for ratio analysis and accounting forecasts

**Intern, Business Service and IT Consultant
Shenwan Hongyuan Securities**

**Nan Chang, China
Apr - May 2018**

- Managed retail and small business client onboarding process including client profiling, risk tolerance and return objective analysis as well as data entry, updates and archiving
- Generated portfolio performance reports and responded to clients' inquiries
- Make the compensation plan for customers, improve technical design development, fix bugs, and minimize the risk

EDUCATION

Master of Science, Wilfrid Laurier University

Major in Mathematics, Concentration in Statistics and Data Analytics
GPA: 10.5/12

**Waterloo, ON, CA
Sep 2019 – Dec 2020**

Honours Bachelor of Arts, Mathematics, Wilfrid Laurier University
Dean's Honour Roll (2018, 2019)

Sep 2015 - Apr 2019