

FRANCESCO CONIGLIONE

DATA SCIENTIST

fconiglione@protonmail.com – 705.717.9492 – Phelpston, ON

OBJECTIVE

Results-driven Computer Science student and financial services professional with over 3 years of industry experience, seeking a Data Scientist position. Ready to apply advanced skills in predictive modeling, machine learning, and cloud computing to deliver data-driven solutions and support regulatory innovation.

EDUCATION

Lakehead University | Orillia, ON

Sep 2022 - Present

HBSc Computer Science

GPA - 3.9/4.0

- Computer Programming Diploma, Georgian College
- Dean's List all semesters

University of Toronto | Mississauga, ON

Sep 2021 - Apr 2022

HBSc Life Sciences

Transferred

- UTM NextGen Lifeline, Co-Founder
- UTM Italian Student Association, General Member

EXPERIENCE

TD Canada Trust | Midland, ON

Jun 2025 - Present

Personal Banking Associate

- Ensured high-fidelity data capture for credit and lending applications, directly impacting the accuracy of internal automated risk-rating models and adjudication engines.
- Supported clients in mutual fund transactions by adhering to Know Your Client (KYC) regulations and providing guidance on suitable investment options.

TD Canada Trust | Wasaga Beach, ON

Jul 2022 - Jun 2025

Customer Experience Associate

- Assisted customers with day-to-day transactions including deposits/withdrawals, wire transfers, bank drafts, certified cheques, and more.
- Identified and escalated suspicious activity, including potential fraud and money laundering, in compliance with financial regulations and internal policies.

PROJECTS

AI Web Agent

Feb 2026 - Feb 2026

Personal Project – TypeScript, Node.js

An AI-powered agent that performs automated web form testing through an agentic loop, integrating the Google Gemini API with Playwright-based tooling to interact with live web applications.

Debt Approval CLI

Dec 2025 - Jan 2026

Personal Project – Python, Jupyter, scikit-learn

A command-line tool that estimates approval odds using Logistic Regression trained on LendingClub data. Performed data preparation and feature engineering by synthesizing "Accepted" and "Rejected" datasets.

Finley – Your AI-Powered Financial Assistant

Sep 2025 - October 2025

Personal Project – Next.js, Node.js, Python, Hugging Face, PostgreSQL

Hugging Face LLMs using prompt engineering to perform entity extraction and trend analysis on unstructured client data. Developed a system to transform raw financial records into personalized budgeting insights and risk profiles.

Cesar CRM – The CRM for Startup Ventures

May 2024 - Jan 2025

HBEC – Angular, Node.js, Auth0, PostgreSQL

Developed a multi-tenant relational database schema to track and analyze customer lifecycles and sales conversion metrics. Integrated data reporting modules to visualize business KPIs and maintain data integrity.

Predicting Corporate Bankruptcy with Machine Learning

Sep 2024 - Oct 2024

Lakehead University – Python, scikit-learn

Validated six supervised learning algorithms to identify corporate insolvency risks with ~85% accuracy. Mitigated class imbalance using SMOTE and evaluated model reliability via ROC-AUC and F1-score metrics.

AWARDS

Pitch Competition Winner | NASA Space Apps

Oct 2024

Won one of the top three prizes (\$1,000) in a 48-hour local hackathon, competing against 13 teams.

Recognition of Entrepreneurial Achievement | HBEC

Jun 2024

Graduated from the Further Faster Program by the Henry Bernick Entrepreneurship Centre (HBEC).

CERTIFICATIONS

Google Cloud Computing Foundations Certificate | Google

Nov 2025

Professional Certificate – 4964e4ac-aa08-4384-9aa4-960e491d9bda

Investment Funds in Canada (IFC) | Canadian Securities Institute

Sep 2025

Professional Certificate – 52168f9d-d37a-4b4e-b364-2410608bf3a1

VOLUNTEERING

Canadian Blood Services | Mississauga, ON

Aug 2021 - Mar 2022

Donor Centre Volunteer

Supported donor centre operations by assisting staff with various daily tasks.

TD Summer Reading Camp | Elmvale, ON

Jul 2019 - Jul 2019

Camp Volunteer

Assisted in facilitating student learning and enhancing reading comprehension skills.

SKILLS

Python, R, SQL (PostgreSQL, MySQL, SQL Server), Java, REST APIs, Jupyter, Scikit-learn, Hugging Face, Pandas, NumPy, Matplotlib, Flask, GCP, Azure, Git, Docker, Tableau, Power BI, Excel

LANGUAGES

English (Native), French (Intermediate)

LINKS

[GitHub](#), [LinkedIn](#), [Portfolio](#)