

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 <i>HBSc Computer Science</i>	Sep 2022 - Present GPA - 3.9/4.0
University of Toronto Mississauga, ON <i>HBSc Life Sciences</i>	Sep 2021 - Apr 2022 <i>Transferred</i>

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

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

EXPERIENCE

TD Canada Trust Midland, ON <i>Personal Banking Associate</i>	Jun 2025 - Present
TD Canada Trust Wasaga Beach, ON <i>Customer Experience Associate</i>	Jul 2022 - Jun 2025

- 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.

- 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

Debt Approval CLI <i>Personal Project – Python, Jupyter, scikit-learn</i>	Dec 2025 - Jan 2026
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 <i>Personal Project – Next.js, Node.js, Python, Hugging Face, PostgreSQL</i>	Sep 2025 - October 2025
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.	

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Ceasar CRM – The CRM for Startup Ventures <i>HBEC – Angular, Node.js, Auth0, PostgreSQL</i>	May 2024 - Jan 2025
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 <i>Lakehead University – Python, scikit-learn</i>	Sep 2024 - Oct 2024
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 Won one of the top three prizes (\$1,000) in a 48-hour local hackathon, competing against 13 teams.	Oct 2024
Recognition of Entrepreneurial Achievement HBEC Graduated from the Further Faster Program by the Henry Bernick Entrepreneurship Centre (HBEC).	Jun 2024

CERTIFICATIONS

Google Cloud Computing Foundations Certificate Google <u>Professional Certificate</u> – 4964e4ac-aa08-4384-9aa4-960e491d9bda	Nov 2025
Investment Funds in Canada (IFC) Canadian Securities Institute <u>Professional Certificate</u> – 52168f9d-d37a-4b4e-b364-2410608bf3a1	Sep 2025

VOLUNTEERING

Canadian Blood Services Mississauga, ON <i>Donor Centre Volunteer</i> Supported donor centre operations by assisting staff with various daily tasks.	Aug 2021 - Mar 2022
TD Summer Reading Camp Elmvale, ON <i>Camp Volunteer</i> Assisted in facilitating student learning and enhancing reading comprehension skills.	Jul 2019 - Jul 2019

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