

# FRANCESCO CONIGLIONE

## DATA SCIENTIST

fconiglione@protonmail.com – 705.717.9492 – Phelpston, ON

### OBJECTIVE

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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

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#### 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

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#### 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

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#### 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.

**Ceasar 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

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**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

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**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

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**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

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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

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English (Native), French (Intermediate)

## LINKS

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