

ROMIN GANDHI

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EDUCATION

Candidate for Honours Computer Science & Business Administration Double Degree

Wilfrid Laurier University

Honours Bachelor of Science in Computer Science (BSc)

Waterloo, ON

Completion: May 2027

Lazaridis School of Business & Economics, Wilfrid Laurier University

Honours Bachelor of Business Administration (BBA), Finance

Waterloo, ON

Completion: May 2027

TECHNICAL SKILLS

Programming Languages: Python, C, C++, Java, HTML, Assembly, Swift

Databases & Query Languages: SQL, Microsoft SQL Server, MongoDB

Machine Learning & Data Science: TensorFlow, Scikit-Learn, Pandas, NumPy, Matplotlib

PROJECTS

Financial Instruments Predictive Analytics & Portfolio Optimization [↗](#)

August 2024

- Project Tools:** Python, API Integration, Pandas, Tensorflow, SLSQP optimization, LSTM networks, Scikit-Learn, Matplotlib
- Optimized portfolio allocation using the SLSQP method, enhancing risk-adjusted returns by up to 20% compared to equal-weighted benchmarks. Currently developing machine learning models, including LSTM networks, to achieve 70% accuracy in asset price predictions. Leveraged Alpha Vantage and Yahoo Finance APIs for precise and timely financial data retrieval.

CP212 Student Database Project: VBA Excel Application [↗](#)

December 2023

- Project Tools:** VBA, Excel, SQL, Microsoft Access, XML Database Integration
- Developed a VBA Excel application that automated student data management, increasing efficiency by 90% and reducing manual errors by 50%. Leveraged SQL and XML for dynamic data retrieval, significantly improving processing speed.

CASE COMPETITIONS

Investor's Summit Pitch Competition

October 2023

- Conducted in-depth research on startup companies, analyzing market opportunities, growth potential, and business models. Drafted a compelling investment memo and delivered a persuasive pitch to venture capital partners, effectively making the case for seed funding.

Wealthsimple Live Consulting Case Competition

November 2022

- Led the development of an innovative Gen Z customer acquisition strategy for Wealthsimple, successfully executed in collaboration with a team in a competition involving 100+ teams. Focused on reducing customer acquisition costs, enhancing engagement with all Wealthsimple products, and building trust between Gen Z and the brand.

WORK EXPERIENCE

The Regional Municipality of York | Junior Budget Analyst

January 2025 - April 2025 | Newmarket, ON

- Assisted in modeling \$1.3B in capital investments as part of the region's 10-year \$12.2B capital plan, ensuring long-term fiscal sustainability.
- Developed multi-year financial forecasts in Excel using SQL, and Python, analyzing historical data, variance trends, and financial performance to optimize the allocation of \$4.7B in public funds.
- Prepared reports and presentations for senior executives and council, analyzing financial data and fiscal strategies for a \$4.7B budget, highlighting key economic trends such as inflation, interest rates, GDP, and long-term financial impacts.

Stratos Solutions Inc | Tax Advisory Intern

May 2024 - August 2024 | Greater Toronto Area, ON

- Utilized SAP and Oracle to extract and analyze extensive sales tax returns and invoices from clients of the firm, conducting General Ledger (GL) account analysis to ensure accuracy and compliance with tax regulations, including exemptions.
- Specialized in Ontario, Quebec, and B.C. Provincial sales tax regulations and tax exemptions, aiding in GST/HST/QST/PST recoveries of more than \$350,000 for clients of firm.
- Recovered over \$250,000 in Input Tax Credits (ITCs) and Input Tax Refunds (ITRs) for S&P 500 companies through systematically analyzing client accounts and identifying potential tax recovery opportunities.

Lazaridis School of Business & Economics | Grading Assistant

January 2024 - Present | Waterloo, ON

- Collaboratively responsible for the assessment of midterm and final exams for 650+ students in the introductory accounting course (BU 127), adhering to the criteria established by Lazaridis School Faculty and course coordinator.
- Ensure accuracy and fairness in all grading activities, thoroughly aligned with the detailed accounting principles taught in BU 127 and provided marking guide.

LEADERSHIP ACTIVITIES

CPA Ontario | Memeber

January 2025 - Present | Waterloo, ON

- Represent Wilfrid Laurier University in engaging with prospective students and fostering student involvement.
- Organize and attend events, workshops, and networking sessions to enhance student career opportunities.

Laurier Cybersecurity & Infosecurity | VP of Finance

October 2023 - Present | Waterloo, ON

- Effectively managed a \$5,000+ budget each semester, ensuring precise financial tracking and reporting using Excel.
- Maintained fiscal discipline by closely monitoring club expenditures and processing reimbursement requests, consistently keeping spending within budgetary limits across multiple semesters.