

# ROMIN GANDHI

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## EDUCATION

### Double Degree: Honours BSc in Computer Science & Honours BBA in Finance

#### Wilfrid Laurier University

*Honours Bachelor of Science in Computer Science (BSc)*

Waterloo, ON

*Degree Completion: May 2027*

#### Lazaridis School of Business & Economics, Wilfrid Laurier University

*Honours Bachelor of Business Administration (BBA), Finance*

Waterloo, ON

*Degree Completion: May 2027*

## TECHNICAL SKILLS

**Programming Languages:** Python, Java, C/C++, MATLAB, MySQL, HTML/CSS, Javascript, x86 Assembly, VBA

**Framework & Libraries:** React, Django, Flash, Numpy, Pandas, Matplotlib, request, TensorFlow, Scikit-Learn, PyTorch

## PROJECTS

### Probabilistic Stock Return Forecasting using Monte Carlo, Alternative Data & Machine Learning 🧠

- **Technical Tools:** Python, Pandas, NumPy, scikit-learn, PyTorch, VADER (NLTK), FinBERT
- Engineered a predictive stock return model using Gradient Boosting and LSTM trained on historical prices, financial ratios, technical indicators, and VADER-based news sentiment. Achieved up to 82% directional accuracy across horizons. Used Monte Carlo simulations to generate 30–120 day return forecasts with quantified uncertainty.

### Automated Financial Valuation with DCF & CCA Modeling 🧠

- **Technical Tools:** Python, Pandas, NumPy, JSON, Streamlit, Excel (xlwings), Financial Modeling Prep (API), OpenAI (API)
- Developed a full-stack valuation and financial modeling platform integrating Discounted Cash Flow (DCF) and Comparable Company Analysis (CCA) directly into Excel. Utilized Python to automate the retrieval, analysis, and visualization of real-time financial data via API integrations, capturing key drivers such as CAPEX, EBITDA, enterprise value, and market capitalization.

## WORK EXPERIENCE

### The Regional Municipality of York | Analyst, Budget

January 2025 - April 2025 | Newmarket, ON

- Provided support for forecasting \$12.2B+ in capital expenditures across 6 program areas by analyzing ITD actuals and budget variance KPIs in IBM Planning Analytics (TM1), informing CSA allocations and developing structured scenario models.
- Executed calendarization and variance reconciliation of \$290M+ in operating and capital budgets across Oracle PeopleSoft and TM1, validating budget inputs against actuals to ensure fiscal alignment and fund allocation accuracy.
- Consolidated and audited data across 10+ TM1 cubes, supporting the development of financial dashboards and reports for capital forecasting and operating expense tracking (including FTEs) across \$4.8B+ in total expenditures for YE 2024.

### Stratos Solutions Inc | Tax Advisory Intern

May 2024 – August 2024 | Woodbridge, ON

- Utilized SAP and Oracle to extract and analyze extensive sales tax returns and invoices from clients of the firm, conducting 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 \$350,000+ for clients of firm.
- Recovered \$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 850+ students each semester in the introductory accounting course (BU 127), adhering to the criteria established by Lazaridis School Faculty and Professor James Moore.
- Ensure accuracy and fairness in all grading activities, thoroughly aligned with the detailed accounting principles taught in BU 127 and resolve any regrade requests.

## CASE COMPETITIONS

### Investor's Summit Pitch Competition

February 2024

- Conducted in-depth financial analysis and market research on early-stage tech startups using SWOT analysis to evaluate growth potential, competitive positioning, and investment readiness.
- Developed a professional-grade investor memo and delivered a persuasive VC-style pitch to a panel of industry professionals, leading to the team being shortlisted for seed funding consideration among 10+ teams.

### Wealthsimple Live Consulting Case Competition

November 2022

- Collaborated with a 5-member team in a case competition of 400+ teams to develop a comprehensive Gen Z customer acquisition strategy for Wealthsimple, addressing challenges in user growth and retention.
- Designed and presented a multi-channel marketing strategy integrating personalization, gamified onboarding, and referral incentives; projected to reduce customer acquisition cost (CAC) by 15–20% and increase daily active user engagement.

## LEADERSHIP & INVOLVEMENT

### CPA Ontario | Member

January 2025 - Present

- Represent Wilfrid Laurier University by promoting CPA student engagement through targeted outreach, peer mentorship, and informational sessions; assist in coordinating professional development events, networking panels and employer-led workshops.

### Laurier Cybersecurity Club | Vice President of Finance

October 2023 - Present

- Managed a \$1,000+ budget per academic term by tracking expenditures in Excel, processing reimbursements, and advising the executive team on event budgeting and strategic fund reallocation.