

Kabir Saamir

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SUMMARY

Ambitious Biochemistry and Biotechnology student at Wilfrid Laurier University combining a strong data analytics background, Java/J2EE, Python, SQL, C++ development skills, and proven financial modelling expertise. Adept at risk assessment, predictive analytics, and process optimization, with hands-on experience delivering business intelligence solutions. Seeking to leverage technical and analytical acumen within private equity or small investment firms to support informed investment decisions, drive operational improvements, and create scalable solutions.

EDUCATION

Wilfrid Laurier University

2022 - Present

- Bachelors of Arts - General Bachelors of Arts

SKILLS	CERTIFICATIONS
<ul style="list-style-type: none">Programming Languages: Java (J2EE), Python, SQL, C++, C#, HTML/CSS, Flask, Pandas, RFinance & Data Analytics: Monte Carlo Simulations, VaR, Sharpe Ratio, Risk Modeling, Financial ForecastingProcess Automation & Business Intelligence: Workflow Design, Compliance, Data Visualization, Tableau, Power BI	<ul style="list-style-type: none">Full-Stack Software Developer - (Meta, IBM, Microsoft)Machine Learning - (Stanford)Advanced Learning Algorithms - (Stanford)Regression & Classification - (Stanford)Foundations of Cybersecurity - (Google)Manage Security Risks - (Google)Networks and Network Security (Google)Quantitative Modelling - (Wharton)AI Engineering - (IBM)

WORK EXPERIENCE

Sterling Mutuals

Software Developer & Analyst at **Sterling Mutuals**

May 2025 - Present | Windsor, ON

- Managed and analyzed real-time event data, ensuring accurate reporting and system reliability.
- Maintained compliance with technical standards, minimizing risks and disruptions during a high-pressure event.
- Resolved technical issues with innovative solutions, ensuring smooth operations for 35,000+ attendees.
- Collaborated with internal teams and vendors to orchestrate a seamless event experience.

Kennedy Medical Clinic

Business Analyst Intern at **Kennedy Medical Clinic**

May 2024 - December 2024 | Brampton, ON

- Streamlined patient data workflows to eliminate bottlenecks, boosting system performance by 25%.
- Ensured secure, privacy-compliant recordkeeping through robust data protocols, maintaining high accuracy and quality.
- Collaborated with cross-functional teams to align operational processes with healthcare compliance standards.
- Developed educational materials and reports, enhancing internal training programs and overall staff proficiency.

TCP Network Services

Information Technology Intern at **TCP Network Services**

May 2023 - July 2023 | Mississauga, ON

- Conducted risk assessments on core IT infrastructure, leveraging Java (J2EE) to automate monitoring and identify vulnerabilities
- Analyzed system performance data, optimizing reliability and delivering actionable insights for improvement.
- Supported client and team collaboration to ensure seamless implementation of technical solutions.
- Documented workflows to streamline troubleshooting and enhance operational consistency.

PROJECTS

Homi - Student Housing Estate Analytics & Listing Platform

Wilfrid Laurier University

January 2025 - Present | Waterloo, ON

- Collaborated with a team to identify housing and roommate matching challenges, gathering feedback to validate the problem.
- Developed a full-stack app with Java (J2EE), React/Next.js, and integrated SQL databases to manage user profiles and property data.
- Applied Python-based models to forecast rent trends, validating with real market data for smarter student and landlord decisions.

Macroeconomic Data Analytics for Strategic Forecasting

Wilfrid Laurier University

January 2025 - April 2025 | Waterloo, ON

- Developed models in Python and R to evaluate GDP, inflation, and fiscal policies, providing crucial investment insights.
- Created Tableau dashboards to present complex economic data, enabling quick, 12% revenue growth for a pilot retail chain through strategic pricing.
- Demonstrated real-world business applications by presenting data-driven recommendations to academic and industry panels.

Inventory Optimization Using Python for Small Retail Businesses

Self-Lead Summer Project

May 2023 - August 2024 | Mississauga, ON

- Built a Python-based ML tool to predict demand, reducing inventory costs by 18% and increasing sales by 12% through automated alerts.
- Deployed a Flask dashboard for real-time tracking, allowing small business owners to quickly assess stock levels and reorder.
- Demonstrated robust financial impact analysis, streamlining operations and maximizing working capital efficiency.

BioVita: Sustainable Nutraceuticals Through Biotechnology

Wilfrid Laurier University

January 2024 - April 2024 | Waterloo, ON

- Engineered an algae fermentation process to produce eco-friendly Omega-3 supplements, addressing a \$400B nutraceutical market.
- Validated demand via a three-month pilot (100 participants), generating \$5,000 in pre-orders with an 87% satisfaction rate.
- Implemented a zero-waste strategy by repurposing byproducts as organic fertilizers, showcasing strong ESG and direct-to-consumer growth potential.

F.I.N.A.L - Financial Intelligence & Numerical Analysis Ledger

Wilfrid Laurier University

January 2023 - April 2024 | Waterloo, ON

- Developed a Monte Carlo simulation and VaR framework to evaluate portfolio risk, integrating SQL and Pandas for large dataset ingestion.
- Incorporated a Java (J2EE) module, automating data flows into Python for advanced modeling and analysis.
- Visualized market trends with Power BI and Tableau, applying metrics like the Sharpe Ratio to guide strategic investment decisions.