

KAPIL IYER

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EDUCATION

University of Waterloo, Canada Bachelor of Honors Mathematics Co-op (President's Scholarship of Distinction) Specialization: Applied Math - Scientific Machine Learning Minor: Statistics and Computing Relevant coursework: Calculus I, II, Lin Algebra, Data Structures, Probability, Algorithm Design, Data Abstraction	Aug 2029
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EXPERIENCE

UW Data Science Club Outreach Coordinator	Sep, 2025 - Present <i>Waterloo, Canada</i>
<ul style="list-style-type: none">Coordinate corporate partnership outreach for Canada's largest student-run datathon (CxC 2026), engaging 30+ potential sponsors to secure funding and mentorship for 200+ participantsUtilized Apollo.io and professional B2B outreach tools to identify and engage target companies, achieving a 25% response rate through strategic messaging and personalized proposalsCollaborate with CxC organizing team and past sponsors (UW Math Endowment Fund, Hugging Face, Techyon) to develop sponsor activation strategies, managing communications and deliverables across 3 cross-club partnershipsBuild relationships with fintech and technology companies to provide students with industry exposure, working toward confirmed partnerships for February 2026 hackathon	

UW Governance Risk Compliance Association VP of External Relations	April, 2025 - August, 2025 <i>Waterloo, Canada</i>
<ul style="list-style-type: none">Built and maintained partnerships with 20+ professionals in fintech, cybersecurity, and regulatory compliance to support speaker events, workshops, and mentorship programs serving 100+ studentsCoordinated with government bodies (Ontario Treasury Board Secretariat), consulting firms, and fintech startups in partnership with UW Fintech including Relay Financial to host interactive networking sessions introducing students to real-world GRC and finance practicesDirected cross-club outreach and engagement with UW Venture, UW FinTech, and UW Data Science Club, managing LinkedIn networking and personalized communication strategies that achieved a 40% response rate and grew club reach by 30%.	

TECHNICAL PROJECTS

ML-Powered Stock Market Analysis Platform Python, pandas, NumPy, scikit-learn, matplotlib, Streamlit, Git/GitHub	November 2025 <i>In Development</i>
<ul style="list-style-type: none">Developing machine learning platform analyzing 10,000+ stock tickers with ensemble classification and regression models (Linear Regression, Random Forest Regressor/Classifier, Ridge Regression), targeting 60%+ directional accuracy to democratize institutional-grade quantitative analysis for retail investorsImplementing automated data pipeline processing 2,500+ daily data points per stock via yfinance API, engineering 8 technical indicators (RSI, MACD, Bollinger Bands, moving averages) with time-series preprocessing for model training and validationBuilding interactive Streamlit web dashboard enabling real-time analysis of any security in under 30 seconds, featuring automated data visualization, model performance comparison, and feature importance rankings	

SKILLS & CERTIFICATIONS

Programming Languages:	Python, JavaScript, Java, Racket, C, R, SQL, LaTeX
Data Science & ML:	Pandas, NumPy, scikit-learn, Machine Learning (Regression, Classification, Ensemble Methods), Statistical Modeling, Feature Engineering, Data Analysis, Supervised & Unsupervised Learning
Visualization & Tools:	Bloomberg Terminal, Watson Studio, Matplotlib, Seaborn, Plotly, Streamlit, Jupyter Notebook, Git/GitHub, VS Code
Certifications & Courses:	Bloomberg Market Concepts, Bloomberg Spreadsheet Analysis (BQL), IBM ML and DL Course, IBM Run AI Models with Watson Studio
Languages:	English, Hindi, Urdu, Marathi, Punjabi, Tamil, French (conversational)