

JAGRIT DHINGRA

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EDUCATION

Ithaca College, School of Business

Ithaca, NY

BS in Finance (Asset Management) & Computer Science

Expected Graduation: May 2028

- **GPA** – 4.00
- **Awards and Honors** – Beta Alpha Psi, Dean's List, Oracle Honor Society, Tri Alpha
- **Relevant Coursework** – Export/Import Operations, Financial and Managerial Accounting, Macro and Micro Economics, Machine Learning, Networks, HCI, Data Structures, NLP, Linear Algebra, Discrete Structures, Advanced Web Programming

SKILLS

- **Finance & Data:** Advanced Excel (VBA, Macros), Bloomberg Terminal (BMC), Financial Modeling (DCF, LBO), Portfolio Management, Risk Analytics.
- **Technical Foundations:** Python (Pandas, NumPy, Scikit-learn), SQL (PostgreSQL), Java, C++, Git/GitHub.
- **Quantitative Analysis:** Machine Learning (XGBoost, Regression), NLP (Sentiment Analysis), Data Visualization (Tableau/Matplotlib), Linux (Bash).

PROFESSIONAL EXPERIENCE

Associate

Ithaca, NY

Core Trading Consultants

March 2025 - Present

- Lead a 10+ member Technology sector team in conducting rigorous fundamental analysis, utilizing DCF models and quantitative analysis to pitch actionable buy recommendations for a \$185,000 student-run equity portfolio.
- Incorporate Machine Learning regression analysis to stress-test revenue growth assumptions against macroeconomic variables, including interest rates and inflation.
- Conducted a deep-dive analysis of the Industrial-Construction sector in 2025, identifying Sterling (STRL) as an undervalued asset due to robust backlogs, leading to a \$5,000 fund allocation.

Peer Tutor

Ithaca, NY

Center for Student Success

March 2025 - Present

- Assisted students in building robust Excel models for corporate finance, focusing on error-checking, data integrity and professional formatting
- Tutored students in Data Structures and Algorithms in Java, covering recursion, binary trees, and data structures

PROJECTS

Financial Research & Sentiment Analysis Tool

- Designed a fully local, privacy-first LLM application using FastAPI to securely integrate real-time market data (YFinance) for personal finance tracking and trend analysis.
- Fine-tuned advanced Transformer models (Llama 3.1) to parse earnings call transcripts and financial news, extracting linguistic nuances and sentiment scores.
- Synthesized quantitative market data with qualitative NLP sentiment analysis to predict market volatility with 82% accuracy, generating secure, actionable investment insights.

Algorithmic Trading Bot (Quantitative Finance)

- Engineered an automated trading bot integrating the Alpaca API to ingest real-time market data and execute trades based on custom mathematical models.
- Constructed and optimized investment portfolios applying advanced mathematical techniques and data-driven quantitative risk management strategies.
- Validated model performance through rigorous backtesting across various financial instruments, achieving a 23% simulated portfolio return.

CERTIFICATIONS

1) Bloomberg Market Concepts

3) Bloomberg Finance Fundamentals

5) Google Digital Marketing

2) Harvard's CS50 Python from edx

4) JP Morgan's Excel Certification

6) Python 100 Days by Udemy

LEADERSHIP EXPERIENCE

President | Beat Code Club- Organize weekly DSA problem-solving sessions and coding events, increasing member engagement while fostering problem-solving skills, collaboration and a strong coding community.

Involvements: Senator of Class of 2028, Badminton Club (Vice President), Meditation Club