

Education**University of Rochester**, Rochester, NY

Expected graduation: May 2026

Double major in Computer Science and Business Finance

Relevant Coursework: Discrete Mathematics, Databases, Corporate Finance and Options and Derivatives

Experience**Sompo International****New York, NY**

Pricing Intern (Central Pricing & Analytics Team)

June 2025-August 2025

- **Engineered and deployed company-wide AI chatbot** by developing comprehensive 15,000+ word system prompt/knowledge base for Sompo's actuarial framework, now actively used by 10+ development team members
- **Built three production data pipelines** under Senior Data Engineer: currency exchange integration, policy field mapping system, and Excel-to-platform automation for risk pricing workflows
- Developed comprehensive Mobile Equipment risk pricing model that processes **\$200K+** in annual premiums

CampusLens**Rochester, NY**

Co-Founder / Tech Lead

December 2024-Present

- Lead financial strategy and operations for a startup focused on occupancy tracking and analytics.
- Optimized a **convolutional neural network** tailored to the specific application, enhancing performance runtime by over 50%.
- Created and developed data pipelines to effectively convey to users real-time campus analytics.

New York Life**Rochester, NY**

Agent Intern

June 2024-May 2025

- Completed **Series 17-55 and SIE exams** and engaged in client interactions providing financial guidance
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Projects/Research**Simon Business School, University of Rochester****Rochester, NY**

Research Assistant

February 2025-May 2025

- Built AI sentiment analysis pipeline using FinBERT and RoBERTa models to analyze financial news and quantify stock price impacts from corporate events, including executive resignations and regulatory actions
 - Implemented Bayesian Deep Learning frameworks and LSTM networks for probabilistic time series forecasting, enabling uncertainty measurement in sentiment-driven stock price predictions
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Leadership**University of Rochester****Rochester, NY****Board of Advisors Member**, Meliora Finance's Portfolio Management Sector Group, managing 100k | **Business Manager** of CubeSat, raising 40k in funding, as well as Video Game Dev Club and Brazilian Student Association

Technical Skills & Interests**Computer Languages and Frameworks:** Java, Python, Arduino IDE, Javascript, Azure, AWS, Oracle, C, C#, C++, HTML, Tensorflow, Anaconda, Jupyter, Pandas, Git, Fast API, Node.js Vue/React.js, postgresql, sql and nosql | **Hackathon Winner:** DandyHacks 2024**Languages:** Intermediate Japanese, beginner Spanish and Mandarin**Hobbies:** Electronic engineering, Japanese culture, sailing, chess, hiking, and international travel