
EDUCATION

Northeastern University - B.S. in Computer Science and Finance **Sep. 2025 – May. 2029**

Relevant Courses: Program Design and Implementation 1 & 2 (Advanced Python, Advanced Java/OOD), Databases (MySQL, Relational Algebra), Financial Management, Profit Analysis for Managers and Advisors (Accounting)

SKILLS

Python, Java, HTML/CSS/JS, Django, Pandas, Vite, MySQL, Financial Modeling, Bloomberg Terminal, REST APIs

WORK EXPERIENCE

Incoming Data Engineer Intern – Munich Re, Princeton, NJ **Jun. 2026 – Aug. 2026**

- Incoming Summer 2026

Barista - Starbucks Coffee Company, Ellington, CT **Oct. 2024 – Aug. 2025**

- Crafted specialty coffee & blended drinks, worked POS systems, Drive-thru, resolved customer issues, and more.
- Trained multiple new baristas and shift managers.

CLUBS

Quant Team – Northeastern Disrupt **Jan. 2026 - Present**

- Developed a statistical arbitrage model in Python using cointegration analysis to identify mean-reverting spread opportunities between Philip Morris (PM) and British American Tobacco (BTI)
- Built and backtested quantitative trading algorithms to manage a simulated paper trading portfolio, optimizing for risk adjusted returns.
- Collaborated with a team of analysts to research and implement strategies across equities and derivatives, specifically IV-RV arbitrage via credit spreads

Software Developer – Oasis at Northeastern **Jan. 2026 - Present**

- Working in a team of 5 developers to build a review platform for the various study abroad programs and campuses that Northeastern offers. Using React, Vite, Node.js, and MongoDB
- In charge of architecting backend and API development, designing RESTful endpoints for program reviews, user auth, and search functionality.

Junior Analyst – Northeastern Investment Banking Group **Jan. 2026 - Present**

- Constructed DCF and CCA valuation models for low to mid-cap companies, applying WACC calculations and TV methodologies
- Analyzed M&A deals such as Capital One & Discover to build case studies determining M&A success

Distance Runner – Northeastern Club Running **Sep. 2025 - Present**

- Specialized in the 5k. We race against numerous schools in the Boston area, including Harvard, MIT, BU, and Tufts

PROJECTS

Agentic Financial Document RAG | Python, LangChain, HuggingFace, ChromaDB [GitHub](#)

- Developed an agentic RAG system with function-calling capabilities, enabling autonomous query routing and multi-step reasoning to retrieve and analyze data from financial documents .
- Designed ChromaDB vector store with HuggingFace embeddings for speedy chunk retrieval. Utilized to provide a semantic search tool to LLM.
- Implemented strict guardrails, ensuring presented data is pulled from given documents to prevent LLM hallucinations.

EduBank | Python, Django, SQLite, Render, OpenAI API [GitHub](#)

- Architected a full-stack Django webapp for career & technical data storage for high schools with RBAC and CRUD operations, enabling administrators to manage school partnerships.
- Developed a secure authentication system via session-based user management with CSRF token validation.
- Designed relational SQLite database schema with Django ORM (Object-Relational Mapping) for storage of partner institution records.
- Integrated OpenAI API with README-embedded documentation access for intelligent user assistance.

News Data Analytics Application | Python, Pandas, Matplotlib, REST APIs [GitHub](#)

- Developed a news aggregation tool leveraging NewsAPI to fetch and analyze articles from multiple endpoints via the requests library; Created object-oriented classes for API authentication and article data modeling.
- Built data visualization features to track the frequency of keywords across fetched publications using matplotlib and Pandas DataFrames. Implemented comprehensive unit testing to ensure code reliability.