

# Amaey Pandit DE

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## EDUCATION

### Northeastern University – Khoury College of Computer Sciences (Honors)

Boston, MA

Candidate for Bachelor of Science in Data Science and Business Administration

**Concentration:** Finance

GPA: 3.87

**Relevant Courses:** Machine Learning in Finance, Large-Scale Information Retrieval, Machine Learning and Data Mining I & II, Creating Business Value with Data and AI, Database Design, Financial Accounting, Investments, Advanced Programming

## PROFESSIONAL EXPERIENCE

### Audax Private Equity

Boston, MA

*AI Data Engineering Co-op*

Jul 2025 – Dec 2025

- Engineered a firmwide alerting system across Snowflake, Prefect, and on-prem servers, shifting data issue detection upstream
- Developed ETL pipelines spanning external platforms and internal systems, reducing daily manual operational effort by ~15%
- Built AI-powered workflows for unstructured documents, enabling semantic search across Due Diligence files and IC memos
- Migrated 10+ data processes from on-prem Windows servers to Prefect Cloud and Snowflake, improving pipeline reliability

### General Atlantic

Stamford, CT

*Capital Solutions Finance Co-op*

Jul 2024 – Dec 2024

- Modernized Investor Services team by building LLM-driven automation tools, cutting turnaround for key workflows by 50%
- Developed Python scripts for ETL tasks and data ingestion, flowing through Alteryx, Databricks, and Data Lakehouse systems
- Created various financial reporting materials for investors and handled ad-hoc requests while maintaining complex data models

### Khoury College of Computer Sciences

Boston, MA

*Database Design Undergraduate Teaching Assistant*

Jan 2024 – Apr 2024

- Assisted in the technical development of the course, including creating new assignments and projects for MySQL and Python
- Facilitated learning of DBMS through weekly office hours and Piazza questions for 200+ students in Database Design class
- Provided feedback and recommendations for codebase on homework assignments and problem sets for students

### Neki

Bridgewater, NJ

*Business Transformation Intern*

Jun 2023 - Aug 2023

- Executed in-depth business analytics for a startup focused on creating a B2B SaaS social impact technology platform
- Designed and implemented a fully integrated Help Center using HubSpot, enhancing customer support capabilities for the firm
- Crafted meticulous user stories and deployed agile workflow process ensuring efficient task distribution for international teams

## LEADERSHIP EXPERIENCE

### TAMID Group at Northeastern – Investment, Technology, and Consulting Group

Boston, MA

*VP of Education, President*

Apr 2023 – Dec 2025

- Oversee 13 Executive Board members, 7 committees, and 150+ members providing implementable solutions to local startups
- Strategize long-term club growth by enhancing feedback loops and fostering cross-team collaboration for sustained impact
- Enhance industry-aligned tracks across technical consulting, strategy and investing to deliver actionable results for real clients
- Devised and delivered a comprehensive 10-week curriculum to 60 students on finance, consulting, technology, and soft skills

## TECHNICAL PROJECTS

### Project Supernova (General Atlantic)

Aug 2024 – Dec 2024

- Built a vector-based document processing pipeline to automate invoice ingestion into Workday, eliminating manual steps
- Developed an LLM-driven orchestration layer with LangChain to coordinate tasks across ingestion and validation workflows

### Data Governance & Quality Alerting Platform (Audax Group)

Jul 2025-Dec 2025

- Shipped a data governance and quality system to detect pipeline failures, SLA breaches, and silent data issues upstream
- Built a self-service alert configuration app used by ~30 stakeholders to define custom data quality logic, cadence, and recipients
- Integrated end-to-end resolution workflows by routing alerts into engineering tickets, improving ownership and time-to-resolution

### Endzone Analytics (Northeastern)

Nov 2023 - Dec 2023

- Developed full stack database-driven app designed to provide a wide array of functionalities for NFL statistics and key metrics
- Used REST API's, Python, Flask, MySQL, Docker Containerization, and Appsmith for User Interface implementation

## SKILLS AND INTERESTS

**Skills:** Python, Snowflake, SQL, RAG, CI/CD pipelines, Apache Spark, Redis, PyTorch, TensorFlow, SQL, Docker, Azure, Streamlit, Alteryx, LLMs, RStudio, AWS, Git, Prefect Cloud, Pandas, NumPy, ELT/ETL, Containerization, Tableau, NoSQL

**Interests:** Football (Commanders), Poker, Golf, Weightlifting, Music, Thrifting, Food, Heat Therapy, Pickleball, Fashion