Amaey Pandit DS

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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