

ANANYA SAGGI

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Education

Northeastern University, Boston, MA

Sept. 2022- May 2026

Khoury College of Computer Sciences

Candidate for a Bachelor of Science in Computer Science with Artificial Intelligence Concentration

Honors: GPA: 3.7 / 4.0, Dean's List, Honors Scholarship

Relevant Courses: Algorithms, Computer Systems, Object Oriented Design, Mathematics of Data Models, Data Science and Machine Learning, Software Engineering, Natural Language Processing

Skills

- Proficient in: Python, SQL, Java, C/C++, R, Visual Studio Code, Snowflake, Google Cloud Platform, Jupyter Notebook, MySQL, Toad
- Familiar with: React, TypeScript, HTML, CSS, Git/GitHub, IntelliJ, Tableau, Anaconda

Experience

Comoto Holdings, Philadelphia, PA

Jan- Dec 2025

Data Engineer and AI Co-op

- Automated weekly ingestion of macroeconomic data using Snowflake and Python, enhancing accuracy of sales forecasts
- Developed AI-driven web scraping solution using LangGraph and Gemini, enabling competitor price tracking automation
- Built scalable competitor intelligence pipeline with Playwright and BeautifulSoup, increasing coverage of product data
- Automated LLM brand-visibility tracking in Snowflake, extracting 25+ response metrics and 25+ KPIs and publishing Tableau-ready tables

State Street Bank and Trust, Boston, MA

Jan- June 2024

Reporting Analyst Co-op

- Developed and implemented an automated solution using Python to extract, wrangle, and insert data from a distributor website into Oracle databases, reducing data acquisition time by 50%
- Integrated data from multiple Oracle database tables into a comprehensive table, improving data accessibility for over 1,000,000 records
- Leveraged Excel and Tableau for in-depth analysis of client metrics, delivering actionable insights
- Delivered actionable insights in weekly team meetings that improved the automation of recurring data queries and reports and resulted in a 25% reduction in manual reporting efforts

Projects

Auto Monitor LLM Position | Python, LangChain, LangGraph, GCP, Snowflake

May-Dec 2025

- Launched an "LLM Share-of-Voice" monitoring pipeline to measure brand visibility and competitive positioning in LLM answers for motorcycle parts/accessory queries, persisting raw responses and analytics in Snowflake.
- Built a custom NLP scoring matrix and telemetry layer extracting 25+ metrics per response and computing 25+ rollout KPIs, surfacing ranking drift, competitor presence, and response-quality signals.
- Expanded the query set and published ready-to-use Snowflake tables/views to power downstream Tableau dashboards and recurring reporting.

Price Pursuit AI | Python, LangChain, LangGraph, FastAPI, GCP, MySQL

Feb-Mar 2025

- Developed an AI-driven proof-of-concept using LangGraph and Gemini LLM for competitor price comparison across major competitor websites
- Automated competitor data scraping workflow with Playwright and BeautifulSoup, storing results in MySQL databases
- Established a foundation for product-matching accuracy, enabling future integration into Snowflake pipelines