

SARAH LAMOND

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SUMMARY

Computer Science graduate (NYU Tandon) with experience across AI engineering, data pipelines, and analytics at the United Nations, IBM, and in manufacturing. Cut a multi-day UN reporting process to two hours, made a production database 40% faster, and now builds LLM document-processing systems for pharmaceutical compliance.

EDUCATION

New York University, Tandon School of Engineering Brooklyn, NY
Bachelor of Science in Computer Science | Dean's List (2024-2025) May 2025
Relevant Coursework: Machine Learning, Artificial Intelligence, Data Structures & Algorithms, Databases, Software Engineering, Operating Systems, Data Analytics
Certifications: Data Science Foundations (IBM) · Data Science Bootcamp (NYU CareerHub) · Data Ethics & Responsible AI (Edinburgh)

TECHNICAL SKILLS

Programming Languages: Python, SQL, C++, JavaScript, HTML/CSS
Machine Learning: PyTorch, Hugging Face (BERT), LlamaIndex, RAG pipelines, Gemini API, open-weight LLMs, NLP, OCR (Tesseract), scikit-learn
Data & BI: Pandas, NumPy, Matplotlib, Seaborn, PostgreSQL, Microsoft SQL Server, Oracle, SSRS, Tableau, Advanced Excel
Tools/Platforms: Git/GitHub, REST APIs, FastAPI, Figma, Jupyter Notebook

WORK EXPERIENCE

Extern – Pfizer Externship Program Remote
AI Engineer Extern Jun 2026 – Aug 2026

- Built **end-to-end data extraction pipelines** in Python for pharmaceutical compliance documents, automating extraction and classification across vendor files using OCR, PDF parsing, and a LlamaIndex RAG index.
- Benchmarked system performance across accuracy, retrieval quality, and routing; delivered **trade-off analysis and optimization recommendations** to stakeholders alongside a working demo.

United Nations – UN Women Manhattan, NY
Strategic Planning Unit, Systems & Data Analytics Intern Jul 2025 – Jan 2026

- Proposed and built a Python/Jupyter automation pipeline** that consolidated multi-file Excel datasets for the PRISM migration, **reducing manual processing from days/weeks to approximately two hours** while improving data accuracy.
- Authored the business case for a UN Women AI accounting initiative, translating stakeholder requirements into technical deliverables, **securing project funding**, and supporting AI model validation.
- Delivered a global AI literacy presentation** across Country, Regional, and HQ offices covering AI fundamentals, responsible AI, and data governance; **co-presented with senior leadership** and **recognized among the organization's highest-rated sessions**.
- Led data visualization strategy for the Global Results Reporting Competition and supported the **UN Transparency Portal** build-out, structuring published data and running dashboard UAT.

Image One Industries Bensalem, PA
Information Technology Intern with Data Engineering Focus Jul 2024 – Aug 2024

- Designed and implemented **the company's first data pipeline**, establishing an automated process for collecting and uploading operational data to the cloud, replacing fragmented manual workflows.
- Coordinated a **cloud migration project with the CEO**, EpicorERP project manager, and cross-functional teams to merge the Texas branch's data into a unified platform, ensuring on-time delivery and seamless integration.
- Developed custom SQL queries, forms, and dashboards** using Microsoft SQL Server to deliver data-driven insights for finance and production teams, **increasing database processing speed by 40%**.

IBM Remote
Client Engineering & Technical Sales Apprentice May 2023 – Aug 2023

- Led a cross-functional team to design and pitch an **IBM Watson AI solution** for a major banking client, addressing customer wait times and service inefficiencies through AI-driven automation.
- Developed a **product prototype and go-to-market strategy**, translating technical AI capabilities into business value for client stakeholders.

PROJECTS

Social Media Sentiment Analyzer — 1st Place Winner Flask · BERT · LSTM · Python · Chart.js · Google Colab

- Fine-tuned a **BERT model on 5,000+ noisy social media posts**, performing end-to-end data cleaning, exploratory analysis, and deployment of an interactive sentiment analysis dashboard.
- Delivered the **winning presentation to judges across 15+ teams**, communicating technical methodology and business impact.

ExpAnt: Social Networking Platform FastAPI · PostgreSQL/Neon · Figma

- Sole designer and lead developer, from Figma UI/UX through backend; directed a 3-person Agile/Scrum team.