Jake Ashkenase

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Boston / New York | Available Starting September 2025

EDUCATION

Northeastern University

Sep 2021 - May 2025

Candidate for a Bachelor of Science Degree in Data Science

Boston, MA

- 3.88 Cumulative GPA, Deans List
- Relevant Coursework: Machine Learning and Data Mining, Natural Language Processing, Algorithms and Data, Database Design, Advanced Programming with Data, Information Visualization

TECHNICAL SKILLS

- Programming Languages: Python, SQL, PyTorch, Boto3, Keras
- Web Technologies: AWS, Tableau, Flourish, Microsoft Suite

EXPERIENCE

InnovateMA [♣] Jul 2024 - Present

Generative AI Product Developer

Boston, MA

- Partnered with the Massachusetts Executive Office of Health and Human Services to create better support systems for the over 2 million residents (over 25% of total population) applying to life changing healthcare programs
- Developed a full stack product using AWS services and state of the art LLM's to create a more efficient search process of eligibility information
- Leveraged strategies such as RAG and agentic AI in order to create a industry grade tool with high levels of accuracy, while also creating comprehensive guardrails to ensure the tool gets properly utilized

Lightcast [♣]Research Analyst

Jul 2023 - Dec 2023

Boston, MA

- Worked with top economists to provide insight on the ongoing changes to the US and international labor
- Queried, transformed, and cleaned data using SQL and Python to generate insightful visualizations in Tableau and Flourish
- Supported organizations like the OECD and KKR in finding insight with our data, helping them better understand the changing labor market

TAMID Group, Northeastern [)

Sep 2022 - Dec 2023

Consultant

Boston, MA

- Provided pro-bono consulting to an AI startup to deliver data-driven recommendations on market expansion
- Coordinated and participated in weekly meetings with team of four consultants and venture CEO report progress
- Conducted a detailed competitor analysis, researching market trends to achieve a go-to-market deliverable goal Developer
- Ideated a chat-bot for an e-commerce startup; transferring data to a vector database and researching tokenization techniques
- Designed and programmed web pages for a cyber-security startup as a part of a team re-designing their entire website.
- Collaborated across our 20+ person team; utilizing Git techniques to ensure an efficient and organized workflow

Northeastern DATA Initiative [

Sep 2022 - Dec 2022

Data Analyst Consultant

Boston, MA

- Produced a predictive model for the insurance field to help quantify executive-level social engineering breaches
- Collaborated with a team of four to provide weekly updates to the company's director on the team's findings
- Used classification machine learning models to make predictions on web-scraped data and provide insightful results

INTERESTS

Interests: cooking, hiking, weightlifting, reading, biking, fantasy football, the Sacramento Kings