

Jake Ashkenase

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Available: May 2024- December 2024 | GitHub: Jake-Ashkenase

EDUCATION

Northeastern University | Khoury College

Boston, MA

Candidate for a Bachelor of Science Degree in Data Science

Sep 2021 – Present

- *Current GPA:* 3.93/4.0
- *Relevant Courses:* Machine Learning and Data Mining, Algorithms and Data, Database Design, Programming with C++
- *Activities:* NEU Blockchain Club, TAMID Group, Alpha Epsilon Pi

Northern Valley Demarest Regional High School

Demarest, NJ

TECHNICAL SKILLS

- *Programming Knowledge:* Python, PyTorch, Scikit-learn, SQL, HTML, CSS, C++, Racket
- *Software:* Tableau, Flourish, Microsoft Suite

EXPERIENCE

Lightcast

Boston, MA

Research Analyst

Jul 2023 – Dec 2023

- Worked with top economists to provide insight on the ongoing changes to the US and international labor markets
- Analyze job posting data across 14 countries to determine the prevalence of ethical AI for a report with the OECD
- Developed an AI tool using LLMs and a news API to generate inspiring blog and research subject matter

TAMID Group, Northeastern

Boston, MA

Consultant

Jan 2023 – December 2023

- Provided pro-bono strategy 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 to inform on progress
- Conducted a detailed competitor analysis through 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

Boston, MA

Data Analyst Consultant

Sep 2022 – Dec 2022

- Produced a machine learning 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 executive director on the team's findings
- Used several classification machine learning models to make predictions on web-scraped data and provide insightful results

PROJECTS

Third Star

Boston, MA

A deep learning tool used to help estimate rental prices for properties

Jan 2022 – May 2022

- Iterated through different model types and hyperparameters to create the best possible model while avoiding overfitting
- Researched, cleaned, and normalized different data sources to allow for proper training of a feedforward neural network
- Collaborated with teammates to align the final model with the value proposition of the company

ReceiptTrack

Boston, MA

Receipt scanner and spending tracker

Sep 2022 – Dec 2022

- Designed an interface for users to scan in receipts and be given a dashboard of insights on their spending habits over time
- Implemented natural language processing tools to identify receipt items and prices, along with other information
- Created an algorithm to identify abbreviated words using a database of thousands of typically bought items in Python

INTERESTS

- LLM'S, non-fiction reading, weightlifting, biking, fantasy football, the Sacramento Kings