

Adam Sadov

☎ 347-619-4783 | ✉ adam.sadov@icloud.com | in [linkedin.com/in/adam-sadov](https://www.linkedin.com/in/adam-sadov) | 🌐 <https://github.com/dabrownies>

EDUCATION

CUNY Brooklyn College

Brooklyn, NY

Bachelor of Science in Computer Science

Summer 2025

Relevant Coursework: Data Structures and Algorithms, Databases, Machine Learning, Operating Systems, Computer Architecture, Elementary Probability and Statistics

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, HTML/CSS

Frameworks/Libraries: Next.js, React, Firebase, Pinecone, Tailwind CSS, Shadcn UI, MUI

Developer Tools: Git, Stripe, Clerk

AI and LLMs: OpenAI, Llama

Interests: Big Data, Machine Learning, AI, Analytics, Stocks/Options

PROJECTS

CICERO - AI TUTOR — IngeniumSTEM Hacks

Github | October 2024

- Collaborated with a team of 3 to design a web application—an AI-based tutor capable of parsing files and utilizing vector database **Pinecone** to implement **RAG** to generate accurate answers.
- Utilized OpenAI and Llama models, along with JSON PDF parsing, to process user files and extract the necessary components requested by students.
- Implemented **Firebase** for real-time database functionality and user authentication, along with **Next.js** and **React** frameworks, using **Shadcn UI** for UI component and **Tailwind CSS** for styling.

Telco Churn Rate Project

Demo | On-Going

- Analyzed customer churn data using **Pandas** and **NumPy**, performing data cleaning, manipulation, and **exploratory data analysis** to uncover key trends and insights.
- Applied predictive modeling techniques, such as **logistic regression** and **decision trees**, to identify factors contributing to customer churn and improve retention strategies.
- Created interactive dashboards in **Tableau** to visualize churn trends, customer demographics, and model outcomes, enabling data-driven decision-making for stakeholders.

AI-Powered Rate My Professor

Github | August 2024

- Collaborated in a team of 3 to develop **ALLI**—a chatbot using **React**, **Next.js**, **OpenAI**, and **Retrieval-Augmented Generation (RAG)** techniques.
- Designed and implemented a solution that simplifies students' access to professor reviews, allowing them to find specific professors without **manually searching through individual profiles**.
- Facilitated user experience by **integrating AI-driven** responses, making professor selection more intuitive and efficient.

EXPERIENCE

Headstarter AI Software Engineer Fellow

July 2024 – September 2024

Software Engineer Fellow

Remote

- Built 5 AI projects in 5 weeks using **React JS**, **Next.js**, **Firebase**, **Clerk**, and **Vercel**, following agile methodologies with weekly sprints and incorporated **CI/CD practices for iterative deployment**.
- Worked in a team of 3 to develop an interactive code support bot using Next.js, integrated a custom **RAG pipeline using OpenAI and Pinecone** that responds based on credible programming sources.
- Developed and deployed a **SaaS** product that generates dynamic flashcards based on any topic using the **OpenAI LLM**, integrated a paywall and custom pricing plans using the **Stripe API**.

Cartier

February 2024 – Present

Retail Sales Specialist

New York, NY

- Successfully sold prestigious Cartier fragrances using effective sales strategies, consistently exceeding monthly sales targets by 10%.
- Contribute to driving overall sales growth by actively engaging customers, providing personalized fragrance recommendations, and closing sales in a competitive retail environment.