ADAM SADOV

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EDUCATION

Brooklyn College, City University of New York   New York, NY
Bachelor of Science (BS)   Expected May 2025
- **Major:** Computer Science
- **Relevant Coursework:** Data Structures, Elementary Probability and Statistics, Operating Systems, Large Scale Web Applications, C++ Paradigms, Computer Architecture

WORK EXPERIENCE

Cartier   **New York, NY**
Retail Sales Specialist   *February 2024 – Present*
- Successfully sold fragrances from prestigious brands such as Donna Karan, MCM, and Cartier, 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.
- Manage stock and maintain visual merchandise displays to ensure optimal product presentation and accessibility, increasing product visibility and customer engagement.
- Collaborating with team members to implement effective sales strategies and promotional campaigns, enhancing brand awareness and customer satisfaction.
- Received commendations from management for exceptional customer service and product knowledge, establishing repeated business and positive customer reviews.

Headstarter AI   **New York, NY**
Software Engineer Fellow   *July 2024 – September 2024*
- Collaborated with a team of three software engineers to develop five advanced AI projects, each completed within a one-week timeframe.
- Engaged in regular virtual meetings with CEOs from partner companies, gaining insights into industry trends and business strategies.
- Participated in exclusive hiring events organized by Headstarter AI's partner companies, connecting with potential employers and industry leaders.
- Took part in large-scale hackathons, competing alongside thousands of other fellows to innovate and solve complex technical challenges.
- Demonstrated adaptability and technical proficiency by delivering high-quality AI solutions under tight deadlines in a fast-paced environment.

PROJECTS

AI Support Bot

Next.js, OpenAI, MUI
- Developed an AI Support Bot leveraging Next.js and Material UI for an intuitive and responsive front-end experience, aimed at assisting software engineers with both emotional stress and technical coding issues.
- Integrated the OpenAI API to provide real-time, context-aware support for debugging and emotional well-being, enhancing productivity and mental health for users.
- Engineered the bot to address common technical challenges, such as identifying and resolving code bugs, while also offering empathetic responses to alleviate stress, demonstrating a balanced focus on both technical and emotional user needs.

AI Flashcard Generator

Next.js, OpenAI, MUI, Clerk, Stripe, Firebase
- Engineered an AI-powered flashcard generator using Next.js and Material UI, enabling users to create customized flashcards on any topic with varying levels of difficulty.
- Implemented Firebase for secure backend data storage, allowing users to save, edit, and delete their flashcard sets, ensuring personalized and persistent study resources.
- Integrated the OpenAI API to provide intelligent flashcard generation, enhancing learning efficiency and topic comprehension for users.
- Utilized Stripe for seamless checkout processes and Clerk for secure user authentication, delivering a smooth and user-friendly experience while maintaining robust access controls.

AI Rate My Professor Bot

Next.js, Python, OpenAI, MUI, Clerk, Pinecone
- Designed and developed an AI-driven "Rate My Professor" app for enabling students to find professors that best match their criteria through a user-friendly chatbot interface.
- Leveraged Python for web scraping the Rate My Professor website, allowing the bot to provide accurate and real-time search results based on the latest professor ratings and reviews.
- Integrated Pinecone for efficient data storage, ensuring quick retrieval and analysis of professor information to enhance the relevance and accuracy of search results.
- Utilized the OpenAI API to process user queries and match them with relevant professor data, incorporating keyword analysis from professor reviews to refine search outcomes.
- Implemented RAG to deliver precise and reliable professor recommendations, returning only the most suitable matches while maintaining high query relevance and accuracy.

LEADERSHIP EXPERIENCE

Maspeth Town Hall
New York, NY
Group Leader   *October 2019 - February 2024*
- Acted as a mentor and positive role model for students, offering emotional and social guidance, while ensuring safety and enrichment in their learning and development.
- Responsible for 20+ students during homework guidance, following daily routines, and during physical activity periods, ensuring and assisting in progress made in their personal and academic development.
- Implemented effective behavioral management techniques, such as communication and compromising, creating a respectful environment for participants.
- Addressed conflicts and interpersonal issues among participants, acting as a mediator while teaching conflict resolution skills such as negotiation and emotional intelligence.

SKILLS & INTERESTS

Technical Skills:
Front-end Development: Next.js, Material-UI (MUI)
Backend Development: Firebase, SQL, Python
Data Analysis & Visualization: Pandas, Matplotlib, Seaborn, PySpark
Machine Learning & AI: OpenAI API, Machine Learning Algorithms, Data Modeling
Tools & Technologies: Web Scraping, Excel, Git, Stripe, Clerk

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