Kevin Elshemy

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PROFESSIONAL EXPERIENCE

OUTLIER   **New York, New York**
AI Training Data Specialist   **NOVEMBER 2024 - Present**
- Collaborated with cross-functional teams to evaluate and refine Generative AI models by providing detailed feedback on outputs related to coding, mathematics, and English language tasks. Ensured efficient communication and alignment.
- Designed high-quality training data/prompts aligned with rubrics to enhance model accuracy and contextual understanding.
- Identified behavioral patterns, strengths, and errors in model outputs to support continuous improvement for client use cases.

HEADSTARTER AI   **New York, New York**
Software Engineering Fellow   **JUNE 2024 - September 2024**
- Built 5+ AI applications using NextJS, OpenAI, Pinecone, and Stripe, achieving 98% accuracy and serving 1,000+ users.
- Led a team of 4 engineering fellows in project development, applying MVC design patterns to ensure robust and scalable software solutions from design to deployment, ensuring maintainability and scalability.
- Mentored by Amazon, Bloomberg, and Capital One engineers, gaining expertise in Agile, CI/CD, Git, and microservice patterns.

SBU INFORMATION TECHNOLOGY DEPARTMENT   **Stony Brook, New York**
IT Support Specialist   **JANUARY 2024 - May 2024**
- Configured and set up over 50 new PCs, including installing essential applications and domain integration, which streamlined user access and improved system management efficiency. Implemented security policies to safeguard network integrity.
- Resolved hardware and software issues, addressing problems such as unresponsive peripherals, software installations, and user access/authentication errors, leading to a 30% increase in system reliability and user satisfaction. Managed the Active Directory.
- Provided technical assistance to over 100 faculty, staff, and students regarding hardware, software, and network issues, ensuring prompt resolution of IT-related problems and minimizing downtime. Communicated technical information concisely.

TRADER JOE'S   **Queens, New York**
Operations Supervisor   **MAY 2023 - September 2023**
- Nominated as Crew Member of the Month for August, recognized for exceptional work ethic and leadership, contributing to a 15% increase in operational efficiency and setting a high standard for team performance and productivity.
- Promoted to manage a specific aisle by overseeing product levels, conducting regular inventory counts, and coordinating shipments and restocking efforts, ensuring optimal inventory levels and a 40% reduction in stockouts.
- Adapted to a fast-paced work environment, effectively handling multiple tasks simultaneously and prioritizing responsibilities, which improved checkout speed and reduced customer wait times. Processed checkout transactions with a 100% accuracy.

PROJECTS

CARDQUEST   **JavaScript, React, Next.js, Firebase, Clerk, Stripe, Open AI, Material-UI**
- Spearheaded the creation and launch of an advanced interactive web-based tool designed to significantly enhance knowledge retention. The platform allows users to create, customize, and save flashcards tailored to their learning needs.
- Introduced Learn Mode, providing users with an adaptive learning experience that reshuffles challenging flashcards until mastery, accompanied by real-time feedback. Led to a 20% increase in user engagement and a 35% increase in subscriptions.
- Integrated user authentication and account management, ensuring secure sign-up and sign-in with Clerk and subscription management with Stripe. Handled over 100 users with 1000+ daily requests at its peak and processed over $500.

KITCHEN HELPER   **JavaScript, React, Next.js, Node.js, Firebase, Gemini API**
- Engineered an application that features a Pantry Tracker for real-time inventory management and a Recipe Generator that dynamically creates recipes based on available ingredients, streamlining kitchen organization and meal planning for users.
- Leveraged Firebase for real-time data synchronization and management, enabling seamless updates and interactions within the application. Over 3000 items were added to the pantry, with 92% of users interacting with the AI Recipe Generator.

ESPORTS NEXUS   **SQL**
- Constructed and implemented a robust SQL database to manage and track over 500 data points related to the professional eSports scene for League of Legends and Valorant, including real-time statistics and insights for teams, players, and matches.
- Optimized database schemas to handle complex queries and large datasets, improving data retrieval efficiency by 30%. Designed normalized tables and indexing strategies to enhance query performance and reduce load times.

TECHNICAL SKILLS

FRAMEWORKS/LANGUAGES: Python, React, CSS, HTML, Next.js, Java, JavaScript, SQL, Firebase, Node.js, Ruby, Material-UI, Pandas
TOOLS: Git, Github, Visual Studio Code, IntelliJ, MS Access, PyCharm, Eclipse, VMWare, Wireshark, Figma, Vercel, MS Excel, Office 365

EDUCATION

STONY BROOK UNIVERSITY   **Stony Brook, New York**
Bachelor of Science in Information Systems   **2020 - 2024**
- GPA: 3.5/4
- Notable Courses: Data Structures, Analysis of Algorithms, Computational Geometry, Database Design, Computer Networks, Systems Admin, Computer Security, Intro to Network Admin, UI Development, Scripting Languages, OOP