

# Kevin Elshemy

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## EDUCATION

### COOP Careers - Data Analytics Fellow

December 2025

- Engaged in a 16-week fellowship program, acquiring expertise in data cleaning, transformation, analysis, and visualization using SQL, Excel, and Tableau, alongside continuous professional development.

### Stony Brook University

Bachelor of Science in Information Systems, GPA: 3.5/4

May 2024

- Relevant Coursework: Data Structures, Analysis of Algos, Computational Geometry, Database Design, Computer Networks, Systems Admin, Computer Security, Intro to Network Admin, UI Development, Scripting Languages, OOP

## TECHNICAL SKILLS & CERTIFICATIONS

- Technical Skills:** Python, SQL, Excel, Tableau, CSS, HTML, JavaScript, Git, VS Code, React, Firebase, VMWare
- Certifications:** Google Analytics Professional Certificate, Google AI Essentials Certificate

## PROJECTS

### CardQuest (JavaScript, React, Next.js, Firebase, Clerk, Stripe, Open AI, Material-UI)

August 2024

- Spearheaded the creation and launch of an advanced interactive web-based flashcard platform enabling users to create, customize, and save learning materials, significantly enhancing knowledge retention.
- Introduced an adaptive feature called Learn Mode that reshuffles challenging flashcards until mastery and delivers real-time feedback, resulting in a 20% increase in user engagement and a 35% rise in subscriptions.
- Integrated secure user authentication and subscription management, supporting 100+ users and 1,000+ daily requests.

### eSports Nexus (SQL)

December 2023

- Constructed and implemented a robust SQL database to manage and track 500+ data points related to the professional eSports scene for League and Valorant, including real-time statistics and insights for teams, players, and matches.
- Optimized database schemas, normalization, and indexing strategies to handle complex queries and large datasets, improving data retrieval efficiency by 30% and reducing load times.

## PROFESSIONAL EXPERIENCE

### Outlier

New York, New York

AI Training Data Specialist

November 2024 - Present

- Collaborate with cross-functional teams to evaluate and refine Generative AI models, providing detailed feedback on outputs across coding, math, and English tasks, improving accuracy and alignment by 25% across 500+ responses.
- Identify behavioral patterns, strengths, and recurring errors in model outputs, streamlining the evaluation process and driving continuous improvement that cuts review time by 15% while boosting consistency across projects.
- Promoted to Reviewer, overseeing 100+ weekly submissions across multiple teams and correcting 70% of errors, while re-routing major issues back to the team to improve submission quality and reduce rework cycles by 30%.

### 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, serving 1,000+ users, and applying Agile, CI/CD, Git, and microservice practices throughout development.
- 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.

### SBU Information Technology Department

Stony Brook, New York

IT Support Specialist

January 2024 - May 2024

- Configured and set up 50+ new PCs, including installing essential applications, performing domain integration, and managing Active Directory, streamlining user access and improving system management efficiency.
- Resolved hardware and software issues, including unresponsive peripherals, software installations, and user access/authentication errors, increasing system reliability and user satisfaction by 30%.
- Provided technical assistance to 100+ faculty, staff, and students on hardware, software, and network issues, ensuring prompt resolution, minimizing downtime, and communicating technical information concisely.