

Kevin Dsouza

347-935-4823 | kevindsouza476@gmail.com | [linkedin.com/in/kevindsouza03](https://www.linkedin.com/in/kevindsouza03) | kevindsouza03.vercel.app/

EDUCATION

College of Staten Island, City University of New York (CUNY)

Staten Island, NY

Bachelor of Science in Computer Science – Dean's List

June 2025

CUNY Tech Prep

New York, New York

Data Science and Technical Interview Fellowship

August 2023 – June 2024

TECHNICAL SKILLS

Languages: C++(3yrs), Python(3yrs), C(2yrs), SQL(2yrs) Java(1yr), JavaScript(1yr)

Frameworks: React, Node.js, Scikit-Learn, Next.js, Tailwindcss, Flask, Scrappy

Developer Tools: Git, VS Code, Wireshark, Windows, Kali Linux, VirtualBox

Security Tools: Wireshark, Kali Linux, Nmap, Dirbuster **Certifications:** CodePath's Cybersecurity 101

PROJECTS

MTA Speed Dashboard | *Python*

October 2024 – November 2024

- Developed an interactive MTA bus analysis dashboard using Python and Streamlit, reducing data query time through efficient caching mechanisms and optimized data loading protocols.
- Implemented proper data sanitation and access controls using Pandas on over 9.4 million records of transportation data.

VirtualBox Homelab |

August 2024 – Current

- Goal: To gain experience with virtual machines, ethical hacking, and networking.
- Managing of a physical Ubuntu server on home-network for self-hosting applications such as HomeAssistant, and dedicated game server hosting.
- Future Goals: Implementing Splunk into the network, DNS and DHCP server.

RateMySchool | *Node.js, MongoDB, Bootstrap*

February 2024 – May 2024

- Headed a 3-person team to develop a full stack web application enabling users to rate and review universities, encompassing 90% of the schools in New York State.
- Integrated MongoDB for backend data routing, employed Bootstrap for front-end styling, and leveraged the Google Search API to retrieve images.

Game Insightify | *Langchain, OpenAI API, Streamlit*

August 2023 – January 2024

- Achieved an 85% user satisfaction rate for game recommendations by leading a 3-member team to develop a chatbot using RAG technology and a database of 73,000+ games.
- Utilized Streamlit for data visualization in the frontend, Langchain to answer over our data, and OpenAI's API for NLP and vector tokenization.

EXPERIENCE

IT College Assistant

January 2023 – Present

College of Staten Island, City University of New York

Staten Island, NY

- Resolved software and hardware tickets for over 500 students and staff including I/O, network troubleshooting, and user account management alongside a team of 20+ College Assistants.
- Implemented a VBA script that reduced manual processing time by 92% by sorting 30+ Excel sheets by least availability, and aggregating them into a single sheet for further processing, reducing time from 4 hours to under 20 minutes per month.
- Constructed and launched end-user support and training both virtually and physically, including document and user guide creation, for migration between learning management systems.