Kevin Dsouza

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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), TypeScript(1yr)
Frameworks: React, Node.js, Scikit-Learn, Next.js, Tailwindcss, Flask, Scrapy
Developer Tools: Git, VS Code, Visual Studio, Eclipse, AWS, Linux
Libraries: Pandas, Matplotlib, Selenium
Certifications: CodePath's Cybersecurity

PROJECTS

TimeLens | *Python, SQL, React, Go* August 2024 – Current
- Developing a time-tracking and productivity application to provide insights into user's work habits.
- Aims to reduce users' unproductive screen time and to optimize deep work periods.
- Creating a dashboard to visualize habits such as total time on an application, context switching and more, using React with ReCharts and Go.

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
- Led a 3-member team to create a video game recommendation chatbot utilizing RAG and data of over 73 thousand games.
- By using user inputted features, we were able to achieve an over 85% satisfaction rate of game recommendations.
- 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*
- Facilitate comprehensive support for over 500 students and staff addressing hardware, and software issues both virtually and physically.
- Engineered a Python AutoScheduler, reducing scheduling time for upper management from 12+ hours a month to under 2, reducing processing time by over 80%.
- Created a VBA script to automate the compilation of over 30 files, increasing efficiency by 92%.
- Collaborate seamlessly with 20+ College Assistants to provide inclusive assistance tailored to the needs of CUNY students and faculty.