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 — *Expected June 2025*

CUNY Tech Prep — New York, New York
Data Science and Technical Interview Fellowship — *August 2023 – June 2024*

TECHNICAL SKILLS

Languages: C++, C, Python, Java, JavaScript, HTML, SQL
Frameworks: React, Node.js, Scikit-Learn, Next.js, Tailwindcss
Developer Tools: Git, VS Code, Visual Studio, Eclipse
Libraries: Pandas, Matplotlib, BeautifulSoup, Selenium
Certifications: CodePath's Cybersecurity

PROJECTS

Anderson's APIs | *Python, AWS Lambda, S3, API Gateway* — June 2024 – Current
- Managing a 3-member team to build a College-wide API for Computer Science classes at the College of Staten Island, utilized over 200 students per semester.
- Developed custom functions with Python on AWS Lambda, utilized AWS S3 for persistent storage, and managed routing and hosting through AWS API Gateway.

RateMySchool | *JavaScript, CSS* — February 2024 – May 2024
- Headed a 3-person team to develop a full stack web application enabling users to rate and review universities, encompassing all 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 inputting the desired game features, the tool dynamically generates a tailored recommendation optimized to the game features.
- Utilized Streamlit for data visualization in the frontend, Langchain to answer over our data, and OpenAI's API for NLP and vector tokenization.

Battleship Game | *Java* — February 2023 – May 2023
- Developed a Java-based Battleship application using Java and JavaFX, as part of a three-person team project.
- Followed software development life cycle standards throughout the project's life cycle.

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 in accessing CUNY services, computer resources, and Office365.
- Proficiently address a wide range of hardware and software issues, ensuring smooth functioning of technology resources.
- Collaborate seamlessly with 20+ College Assistants to provide inclusive assistance tailored to the needs of CUNY students and faculty.