

Ihechineme Umunnakwe

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EDUCATION

New Jersey City University, Jersey City, NJ

Expected May 2025

Bachelor of Science, Computer Science

- GPA: 3.8
- Relevant Coursework: Discrete Mathematics, Data Structures, Calculus, Computer Science I, Computer Science II, Programming Languages, Visual Programming
- Honors & Awards: Green and Gold Scholarship, Dean's List (Fall 2021–Present)

SKILLS

- **Programming Languages:** Java, Xcode, HTML, CSS, Python and JavaScript
- **Software:** Microsoft Office Suite
- **Data Management:** Data Entry, Data Analysis

WORK EXPERIENCE

Campus Card Services at New Jersey City University, Jersey City, NJ

Student Assistant

May 2022 – Present

- Successfully processed and distributed campus cards to over 8,000 students and more than 100 staff members.
- Managed and replenished funds in student accounts for on-campus transactions, including meal plans and personal card funds.
- Ensured the seamless functioning of all card services and door accesses across the university campus.
- Took on a key role in overseeing parking facilities, handling transactions, and optimizing parking operations.
- Collaborated effectively with a diverse team, contributing to a well-functioning department.

Undergraduate Summer Internship Program at New Jersey City University, Jersey City, NJ

Research Intern

May 2024 – August 2024

- Collaborated with a team to run experiments on Large Language Models (LLMs) such as Gemma, Mistral, Keras, and Mid-Journey Falcon for everyday tasks.
- Assessed performance of LLMs in text generation, image enhancement, and language understanding, identifying key strengths and limitations, which informed practical applications and future development strategies.
- Conducted performance assessments of LLMs in text generation, image enhancement, and language understanding.
- Integrated LLMs into practical applications, presenting findings on their strengths and challenges.

Research Intern

May 2023 – July 2023

- Spearheaded research on Software Development Life Cycles (SDLCs), resulting in the proposal of a new hypothesis that increased team efficiency in the development phase by 20%.
- Collaborated closely with a team to develop and implement a cutting-edge Software Development Life Cycle which was utilized to create a fully functioning iOS news application with features including bookmarks, search functionality, and social sharing.
- Independently mastered Xcode, a new programming language, and skillfully integrated it into the project.
- Seamlessly interfaced the app with a free news API to provide real-time news content to users.
- Demonstrated strong problem-solving and coding skills throughout the project, achieving a successful app launch.