

Lucicto D Selva

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Objective: To leverage my technical expertise and problem-solving skills as an Software Engineer

Education

New Jersey Institute of Technology, Newark, NJ

Bachelor of Science in Computer Science

Jan 2021 – May 2024

GPA: 3.45/4.0

Skills

Relevant Coursework: Data Structures and Algorithms, Object Oriented Programming, DevOps, Calculus II, Linear Algebra, Information Design Techniques (Unity), Differential Equations, Database Design and System Management, Machine Learning and AI, Cybersecurity, Web Applications

Programming Skills: C++, Python, Java, JavaScript, SQL, HTML, Git, Docker, MATLAB, Bash, C, NodeJS, React, NextJS

Work Experience

Fit Fresh LLC, Dubai: Purchasing Intern

July 2020-Present

- Collaborated with a purchasing team to source goods from multiple suppliers through direct communication. My efforts led to a reduction in the prices of everyday items, making them more accessible to a broader audience

New Jersey Institute of Technology:

• **Office Assistant, Strategic Events and Conf. Services**

Sept 2023-Present

- Developed and implemented a new system for tracking event rentals, resulting in a 20% increase in efficiency and accuracy.
- Managed the budget for event rentals, ensuring that expenses were within budget and accounted for accurately

• **Student Manager, Strat. Events and Conf. Services**

Sept 2022-Aug 2023

- Worked as a student manager at NJIT as the head of the managing and organizing crew consisting of a team of 25-30 student associates at events, festivals, and graduations that took place on campus
- Managed 350 – 500 people per event on average

• **Student Assoc., Strat. Events and Conf. Services**

Sept 2021- Aug 2022

- Worked as a student associate at NJIT. Worked as a part of the managing/organizing crew at events, festivals, and graduations that took place on campus while managing two of the major buildings in campus
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Projects

Personal Website Portfolio: Developer

Dec 2023

- Developed a personalized website using HTML, CSS, and JavaScript, showcasing strong proficiency in front-end web development and a keen eye for design

Drone Detection System using YOLOv3: Student Developer

Sept 2023–Dec 2023

- Developed a drone detection system using the YOLOv3 object detection algorithm, capable of real-time detection and frame-saving by training the language model. Utilized Python, OpenCV, and YOLOv3 to achieve high accuracy in detecting drones in various video streams

Multilingual Video Translation & Subtitling System: Student Developer

Sept 2023–Dec 2023

- Developed a comprehensive multilingual video translation and subtitling system, seamlessly integrating Milestones by leveraging Python APIs to download videos and closed captions, perform speech-to-text conversion, translate text to the desired language, and synthesize translated text into speech
- Implemented a user-friendly interface in Hugging Face and Streamlit Spaces for efficient interaction, facilitating accessibility and inclusivity in video content consumption

Full Stack Educational Web application: Playwright test writer

Jan 2023-May 2023

- Built a website to educate young people on agile strategies for website development
- Conducted end-to-end testing using Playwright to verify the functionality and performance of the website