Jonan MANZI

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OBJECTIVE

Highly motivated student with excellent leadership and communication skills seeking a summer 2023 Software Engineering internship opportunity to expand my existing internship background and apply my academic and project education. I am also willing to relocate.

EDUCATION

New York Institute of Technology (NYIT), New York, NY   **September 2020 – May 2024**
Bachelor of Science in Computer Science
- **Relevant Coursework**: Programming Language Concepts, Data Structures, Operating Systems
- **GPA**: 3.94   **Honors**: Phi Eta Sigma; President's Honor List

CodePath: Intermediate iOS Development   **February 2023 - Present**

WORK EXPERIENCE

Undergraduate Research and Entrepreneurship Program, NYIT   **October 2022 - Present**
- Spearhead the development of an iOS mobile application for the Office of Student Life that automates booking rooms for events on campus increasing utilization by 7%.
- Utilize UI toolkits to develop a functional app with the aim to fasten the booking process by at least 20%.

WSP USA, New York | Electrical Design Engineer Intern   **May 2022 - Present**
- Design lighting, fire alarm, fire suppression systems and power plans for clients using engineering design concepts.
- Perform electrical power circuiting in residential and retail buildings up to 12 floors following National Fire Protection Association 72 and customer preferences.
- Analyze energy and load calculations using panel schedules to ensure load requirements and safety.

Ironji Ltd, Kigali | Software Development Intern   **June 2022 - September 2022**
- Designed a level up project with script languages and node.js for great frontend and functionality.
- Deployed projects on Heroku App and created backend to provide functionality for the features.

NYIT | Resident Assistant   **May 2022 - Present**
- Assist residents with transition to college and residence hall life, remain available while on-call.
- Aid in supervising residents and responding to complaints, reports, requests and emergencies.

VOLUNTEERING EXPERIENCE

Communitario De Capetillo, San Juan, Puerto Rico   **January 2023**
- Engineered a water filtration and solar energy system to avail clean water and electricity to the park.
- Built both an underground and surface irrigation system for the community garden that should increase produce by 25%.

LEADERSHIP EXPERIENCE

African Student Alliance | Co-Founder & President   **April 2022 - Present**
- Drafted the constitution for A.S.A and interviewed candidates for E-Board positions.
- Responsible for hosting events and managing club members and sending out monthly newsletters.

National Society of Black Engineers | External Vice-President   **September 2021 – Present**
- Responsible for establishing relations and cultural organizations on and off campus and performing any activities, duties, and responsibilities as assigned by the President.

SKILLS

Programming Languages: Java, HTML, CSS, JavaScript, VHDL, Matlab, Python
Technical: Swift UI, UI Kits, Autodesk Revit, AutoCAD, Multisim, OrCAD, Quartus II, MathCAD, ExpressPCB
Other softwares: VS Code, MS Office, Outlook, Teams, Slack, Canva
Languages: Fluent in Kinyarwanda and English, Intermediate in French