CHIANUGO ONONUJU

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EDUCATION:

Bucknell University, Lewisburg, PA *Fremont Scholar*
Bachelor of Science, Computer Science
Received: May 2023   Major GPA: 3.5/4.0

EXPERIENCE:

Research Assistant, **THICC Lab**, Bucknell University, Lewisburg, PA   **January 2021 – May 2023**
- Conducted research for two years utilizing ConceptNet, an open-source semantic network, to analyze and classify large datasets of text in Python, resulting in a 30% increase in accuracy in identifying bias acquisition
- Developed custom algorithms using ConceptNet, reducing processing time by 40% and improving relationship identification.
- Awarded the Bucknell University PUR (Program for Undergraduate Research) grant twice, receiving $4,000 in funding for research projects utilizing ConceptNet, enabling me to pursue my passion for natural language processing and gain valuable research experience.

Student Manager**, TechDesk,** Bucknell University, Lewisburg, PA   **January 2020 - May 2023**
- Provided exceptional customer service as a member of the TechDesk team, personally helping over 400 students and faculty resolve technology-related issues, with a customer satisfaction rating of 97%.
- Demonstrated strong leadership skills as Manager, supervising a team of 8, streamlining workflows and training programs, and implementing new technologies, such as ASKBucknell, resulting in a 75% reduction in walk-ins
- Trained 5 employees and aided in facilitating their integration to the TechDesk team

Intern, **Nuekleos***,* Lagos, Nigeria   **April 2019 – August 2019**

- Worked on digital re-branding and for numerous brands across Sub-Saharan Africa like OLX, Kitkat, Hennessy and ArtXLagos resulting in higher traffic to customer's websites
- Learned modern frontend frameworks such as ReactJS and AngularJS, enabling me to build more dynamic and interactive web applications.

PERSONAL PROJECTS:

Portfolio Website
- Designed and developed a responsive portfolio website using ReactJS, NodeJS, and MongoDB, showcasing my technical skills and projects to potential employers.
- Incorporated modern design trends, including a minimalist aesthetic and smooth animations, resulting in a clean, visually appealing website that loads quickly and is user-friendly.
- Integrated Google Analytics to track website performance and user behavior.

My Nigerian Name
- Developed and deployed a comprehensive Nigerian name dictionary website from scratch, leveraging full stack development skills using Node.js and MongoDB.
- Implemented a crowd-sourcing feature within the website, enabling users to contribute and validate name-meaning pairs, fostering community engagement and ensuring the database remains up to date and accurate.
- Incorporated modern design trends, utilizing responsive layouts, intuitive navigation, and visually appealing elements to enhance user experience and ensure the website is responsive on all screen sizes.

Twitter Bot, *My Nigerian Name*

- Developed and deployed a Twitter bot to automatically tweet Nigerian name-meaning pairs every hour, promoting community engagement and sharing the richness of Nigerian culture with a wider audience.

LEADERSHIP & ACTIVITIES:

Vice President, **National Society of Black Engineers (NSBE)**
- Led a team of 4 members to plan and execute a successful hackathon, resulting in a 70% increase in participation from previous 3 years

SKILLS- MERN Stack, Python, Java, MySQL, HTML, CSS, JavaScript, Bash, Linux, French, Photoshop, Illustrator