

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