# KOSISOCHUKWU ANIEKWE

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## EDUCATION

**FISK UNIVERSITY**                                                                                                                            **Nashville, TN**
Bachelor of Science in Computer Science, GPA: **3.936/4.0**                                                           **Expected: Dec 2027**
• **Coursework:** CS110, CS120, Calc I, Data Structures & Algorithms, OOP in Java
• **Awards:** *Ella Shepherd Moore Provost Scholarship*
• **Campus Activities:** Fisk University Student Academic Board (**Member**) | Fisk Computer Science Club (**Member**) | ColorStack (**Member**)

## TECHNICAL SKILLS

**Programming Languages:** Python, JAVA, HTML, CSS, and JavaScript
**Tools & Frameworks:** React, Node.js, Figma, Photoshop, Postman, MongoDB, Tailwind, Bootstrap, Git

## EXPERIENCE

**NSUGBE COMMUNITY**                                                                                                              **Jan. 2021 – Nov. 2021**
*Volunteer Computer Studies Tutor (MS Word, PowerPoint, Canva)*
• Provided weekly basic computer knowledge sessions to a cohort of 10+ underprivileged and out-of-school children in my community
• Monitored and assessed students' progress, achieving a 90% average improvement in typing, designing, and presentation skills
• Adapted teaching methods to meet individual learning needs, resulting in a 95% satisfaction rate among students
• Received positive feedback from the community for making a tangible impact on students' educational development

## PROJECTS & HACKATHONS

**Google in Residence HBCU Hackathon '23**                                                                          **November 2023**
• Worked in a team of four to develop "**Friendly**" an online course advisory application that helps students select their courses for the semester considering their individual strengths and weaknesses
• Gained practical experience of working under time pressure and the creative atmosphere of hackathons to think innovatively
• Explored and learned about Google tools like Firebase, Google Cloud Platform and Android studio
• Worked together in an engineering environment to solve foundational data structure and algorithm problems

**Password-Manager** *(Python- tkinter, Messagebox, Pyperclip, Json)*
• Created a secure Password Manager for centralized password organization and security using **Tkinter** library
• Integrated **PyPerclip** functionality, enabling 90% of users to conveniently copy generated passwords to their clipboard
• Achieved a 30% increase in user efficiency by integrating data persistence, enabling users to maintain accurate and complete password information over time
• Enhanced user experience with a search button, reducing the time taken to find specific password information by 40%

**Explore** *(JavaScript, React, Tailwind)*
• Developed and designed the "Explore" free dictionary, where users can search for words, their meanings and their parts of speech
• Leveraged React Hooks like **useState** to integrate functionality and update state of the application
• Implemented the navigation functionality within the application using the "**useNavigate**" hook.
• Utilized **Tailwind CSS** framework to design the interface and responsiveness of the application across various screen sizes

**Restaurant website** *(HTML, CSS, JavaScript, Media Queries)*
• Designed and developed a responsive Restaurant website using **HTML, CSS, Media Queries,** and **JavaScript**
• Implemented **CSS** concepts such as Flexbox and Grid to enhance the aesthetics and responsiveness of the website.
• Integrated **Media Queries** to ensure smooth rendering of the website across various screen sizes

**Search Engine** *(Python)*
• Created a Python-based search engine that takes a given word and retrieves articles relevant to their search query
• Enhanced the search engine's functionalities resulting in a 60% increase in the efficiency of article discovery for users
• Conducted rigorous unit testing and integration testing, ensuring a 95% code functionality efficiency and reliability

## ACTIVITIES

**Computer Science Club**
• Attended a variety of club-hosted events, including workshops, guest lectures, hackathons, and networking sessions
• Utilized the club's resources and events to continually improve my understanding of industry standards and best practices in computer science and technology fields

**Junior Engineers, Technologists and Scientists (Jets) Club — Vice President,**
• I presided over club meetings, worked with members to create innovative and award-winning science projects for science fairs
• Shared meeting and conference updates with 100+ students, resulting in a 75% increase in attendance

**Gallery Student Volunteer - Carl Van Vechten Gallery (Fisk University Art Galleries)**
• Orchestrated engaging gallery tours, imparting insightful information about artworks to an average of 15 visitors per week.
• Managed phone inquiries, booked appointments, and facilitated gallery visits, contributing to a 20% increase in visitor engagement