Olisemeka Nmarkwe

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EDUCATION

Southeastern Louisiana University (SLU) **Hammond, LA**
Bachelor of Science in Computer Science May 2026
Concentration: Data Science GPA: 3.72
EXCEL scholar, President's list.

Relevant Coursework: Data Mining, Data Structures and Algorithms, Machine Learning, Database Systems, Discrete Mathematics, Calculus and Operating Systems.

EXPERIENCE

Research Assistant, EEG Data Collection and Analysis August 2024 – Present
Conducted EEG data collection for machine learning research under Dr. Omer Soysal at Southeastern Louisiana University(SELU).

- Collected and processed EEG data from student participants to contribute to a machine-learning model for neurological research.
- Collaborated with research teams to ensure accurate data acquisition and analysis.
- Assisted in experimental setup and troubleshooting of EEG equipment to ensure high-quality data capture.
- Contributed to preparing and organizing datasets for use in model training and analysis.
- Documented procedures and findings, providing data insights for machine learning model development.

Internship at Dialysis Care Center, Software Developer *May 2024 – Aug 2024*

- Developed dynamic site layout and user interface using HTML, CSS, and JavaScript (AJAX) based on provided design concepts.
- Took full ownership of the presentation tier, managing CSS and JavaScript resources.
- Implemented SEO techniques (On-Page, Off-Page, and Technical SEO) to improve site indexing and visibility.
- Designed and deployed a chatbot using the ChatGPT API to enhance user interaction.
- Built a customized dashboard front-end to perform ping tests to check site reachability using PHP.
- Managed XAMPP server administration and performed general Windows administration tasks.

SKILLS

- Programming Languages: JavaScript, React, Python, SQL, Django
- Technical Skills: Predictive modeling, SEO, Oracle Apex, Machine Learning.
- Tools: Pandas, Seaborn, Matplotlib, Scikit-learn, Google Colab, Kaggle.
- Modeling Techniques: Artificial Neural Networks, Support Vector Machines, and Decision Trees.
- Collaboration: Effective team player with experience in multidisciplinary research environments

Projects:

- Developed an EEG-based ANN model, comparing performance with Decision Tree, KNN, and SVM models, which was featured on my portfolio website (Olisens.github.io).