**Albert Ezem Osakwe**

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**Education**

**Carleton College, Northfield, Minnesota Expected June 2025**

* Bachelor of Arts in Computer Science
* Relevant coursework: Data Structures, Math of Computer Science, Introduction to Data Science, Introduction to Statistics, Software Design, Programming Languages
* Cumulative GPA: 3.3
* Major GPA: 3.8

**Jobs and Extracurricular Experience**

**Frontend Developer, Hack4Impact, Carleton College 09/2023 - Present**

* Participant in a nonprofit organization that builds software as a tool for social good
* Work on a team to develop the frontend of our software using React

**Computer Science Tutor, Carleton College 09/2022 - Present**

* Work together with 10-15 students from underrepresented groups weekly
* Aid them with their coursework in Introduction to Computer Science

**Machine Learning Intern, Sorbonne University Summer 2023**

* Analyzed data from Parcoursup, the sole application platform for higher education in France
* Studied the university decisions made by students to see if there are racial, social, etc. biases present using machine learning and statistical techniques
* Presented my findings to my team in PowerPoint, using Seaborn and Matplotlib for data visualization

**Software Developer, Carleton Career Centre Summer 2022**

* Led a team of 3 in the analysis of student sentiments on Carleton’s post-graduate career program
* Developed a prototype website that connected students to alumni in their field of interest, increasing Career Centre visits by 15% during the 2022/2023 academic year

**Personal Projects**

**Premier League Match Predictor 2022 - Present**

* Analyzed match data from 5 Premier League seasons to rank teams based on attacking and defensive strength
* Created a machine learning model based on the analysis that can predict match results between 2 Premier League teams

**Diabetes Dataset Summer 2023**

* Categorized diabetes data from [scikit-learn](https://scikit-learn.org/stable/datasets/toy_dataset.html) using clustering methods
* Trained dataset with several models to predict diabetes progression

**Skills**

**Data Science -** Data cleaning, data visualization, data manipulation, web scraping

**Machine Learning -** Data cleaning, preprocessing, classification, regression, clustering

**Programming Languages -** Python, R, SQL, Flask, React, HTML/CSS

**Python Packages -** Pandas, Numpy, Scikit-learn, Matplotlib/Seaborn

**Software -** Git, Jupyter Notebooks, LaTeX