

The dream of pursuing Master of Science in Computer Science program at the University at Buffalo has been something I have been waiting for in order to strengthen my basis of foundation in computing and pursue my plans of being a data scientist. With my degree in Computer Science from University of Energy and Natural Resources and some experience in teachings, software developments and data analysis, I have the interest for both the technical depth and curiosity to thrive in this next academic journey.

My life at the university helped me built some bases in data structure, algorithms and software developments. These programs or courses nurtured my analytical thinking and exposed me to the transformative power of data in problem-solving. When I was working as a developer (frontend) at 360Botech Development, I gained experience on designing responsive interfaces using React.js and JavaScript. This role taught me how technology can enhance accessibility and human experience values that align closely with UB's emphasis on humanity and innovation.

My interest for data analytics came via an internship with Excelerate, where I utilized Python and Power BI to preprocess datasets and build interactive dashboards. Data visualization helps you see insights, patterns and make better decisions by giving you more clue or information. That journey has helped me to see data as a storytelling tool one that empowers, informs, and inspires change. That experience motivated me to pursue graduate studies that integrate software development with data science.

I am actually drawn to the universities culture of integrity and academic excellence, as well as its emphasis on Research and Innovation. The program actually aligns with me with my professional aspirations it focuses on machine learning, data systems, and computational theory. I am actually drawn to this opportunity in order to engage with UB's research initiatives in data analytics and artificial intelligence, which will equip me with the technical and ethical grounding to work with data responsibly.

I is my dream to become a renowned data scientist who can use technology to make Africa's growing digital ecosystem more open new ideas. I'm sure that the program I will pursue at the University at Buffalo in MS in Computer Science will be the perfect place for me to improve my technical skills while also living up to the school's values of kindness, creativity, honesty, and acceptance.

Thanks for taking my application into account.

Sincerely,

Owusu William

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