

Dear Admissions Committee,

I am excited to apply for the MSc Health Data Science and Statistics program at the University of Plymouth. With a distinguished MSc, a first-class BSc, and a distinction OND, all in computer science, with over five years of software engineering experience and 3years of project management experience, I have developed a solid foundation in the field of computer science. Now, I am eager to pursue a new challenge in data science.

After my bachelor's degree graduation in 2015, I did my compulsory National Service in River State University of Science and Technology, Nigeria, where I worked as a Teaching/Research Assistant where I gave support to undergraduate/postgraduate students in their various researches. I was involved in researches on fingerprint, facial recognition, biomedical, cryptography amongst others. In January 2018, I took a job offer with Biosec Solutions, a consultant company for National Identity Management Commission (NIMC), Nigeria. Biosec, being the Nigerian partner organization to IDEMIA (Developers of the NIMC ABIS), managed NIMC's ABIS (a system that manages the entire Nigerian citizenship identification information) which I was saddled with the responsibility. I rose to the TEAM LEAD BIOMETRICS, within a short time due to my intelligence, selfless service and dedication. While working with Biosec Solutions, I was more involved in biometric research for the organization, which led to the development of a speaker recognition system, implementation of an improved score fusion technique for the company's multi-modal biometrics solution, amongst others. I moved on to take an offer with Hardcore Biometrics Limited as a SENIOR SOFTWARE ENGINEER in December 2019, and rose to the role of a SCRUM MASTER within 12months and I was actively involved in the development of a Criminal ABIS for the Nigerian Police Force (NPF). We used deep learning and big data tools in our implementation which have given me hands-on practical experience on tools used in the development biometric-driven solution. In December 2021, I took an offer with DOJAH Inc., an Identity Management System as their TECHNICAL PROJECT MANAGER. This movement was driven by my leadership passion. In 2019, I was selected for the National Information Technology Development Fund (NITDEF) Scholarship for my MSc Program.

Over the years, I have had the privilege of working on various software engineering projects, which have allowed me to develop a deep understanding of how to analyze and optimize large data sets. During this time, I have come to appreciate the importance of data-driven decision making, and I am passionate about using my skills to help organizations harness the power of data to make informed decisions.

I believe that pursuing an MSc in Data Science will equip me with the advanced skills and knowledge necessary to excel in this field. Specifically, I am interested in gaining expertise in machine learning, data mining, and predictive analytics, which I believe are critical skills for any data scientist.

Furthermore, I am impressed with the course structure of the MSc Health Data Science and Statistics program at University of Plymouth. The program offers a comprehensive curriculum

that covers both the theoretical and practical aspects of data science, including courses in statistical analysis, data visualization, health and programming. I am confident that this program will provide me with the foundation and skills necessary to become a successful data scientist. I am confident that my academic background and professional experience make me a strong candidate for this program, and I look forward to contributing to the academic community at University of Plymouth while also advancing my career in data science.

Thank you for considering my application.

Sincerely,

Ikechukwu Chukwu