

## **MASTERS STATEMENT OF PURPOSE**

I am applying for the Master of Science program in Civil Engineering at your University (Teesside University, Middlesbrough, United Kingdom).

While I was growing up in my hometown, Oron Akwa Ibom, Nigeria. I was always challenged with the thoughts of how huge structures were erected. I always wondered and imagined how they were built from the very beginning (pre-construction) to the end (post-construction stage).

This interest led me to the basics of science, mathematics, and physics. Eventually, it transformed into an astute love for problem-solving, curiosity, and observation which are the core values of an Engineer.

Construction and the Civil Engineering profession have been the major role players in the sustainability of development since the inception of civilization. The utilization of living spaces and their effective construction is the only reason why civilization continues to exist. This is a secondary reason for my wish to study Civil Engineering at your prestigious University.

Primarily, my curiosity for problem-solving engaged and helped improve my mathematical knowledge. This transpired and was reflected all through my basic education through primary school and junior school.

During my high school years, my ambition and observation grew eclectic as I opted for much more engaging scientific activities and began my journey into the intensive science and innovation field.

A few months before I commenced a series of examinations leading to my high school graduation in basic science studies, I began to experience my city Akwa Ibom in a much different manner. I witnessed the collapse of huge buildings and the spreading of news about the dilapidation of several other service structures.

Some of these were a reason to hold quackery and unprofessionalism in the construction industry or the inadequacy of quality materials.

These events further solidified my curiosity to study Civil Engineering and practice as a professional who upholds the rightful intent of the profession in society such as prevention of the huge loss of life to structural failure, derivation of new and improved construction procedures for sustainability, perfect utilization of living spaces and their effectiveness for use in service buildings and infrastructure.

Extensively, my actual education as a Civil Engineer began at the Akwa Ibom State University in Nigeria. I secured admission to study Civil Engineering and graduate with a Bachelor of Engineering in the year 2014.

All throughout my study for the Bachelor of Engineering program, I became more conversant with specific analytical courses like Theory of Structures, Engineering Survey, and Advanced Concrete Technology.

Furthermore, my program was completed in the year 2019 and I graduate with a better understanding of the mechanics behind construction planning, construction procedures, and maintenance.

During my Bachelor of Engineering degree, I became a participating member of the Association of Engineering Students and was opportune to study under the supervision of well-celebrated practicing Civil Engineers who were also tutors and lecturers in the department.

Also, I was elected as the Secretary General of the Faculty of Engineering and I graduated as a confident member of the Nigerian Society of Engineers.

In line with the graduation procedures of my University, I was required to research, analyze, write and present a paper about The Effect of Superplasticizers on 1:2:4 Concrete Mix.

The effect of my research when successful is to decide the advantages, and shear disadvantages of superplasticizers in construction when used. This also improved my want for improving knowledgeably in construction.

My love for Construction was soon tested after I graduated and I secured an employment opportunity as a Quality Control and Quality Assurance Engineer at a construction consultancy firm in Lagos, Nigeria.

The project in question was a 27km long elevated rail track with well-positioned and surveyed vertical or horizontal alignment. I was completely involved in the Quality Assurance procedure of concrete samples being used at the construction sites for several concrete grades, and the control of several quality effects using admixtures and spontaneity when necessary.

After a few months of working tirelessly and creating an imprint as one of the best Quality Assurance Trainees of the company, I was transferred to also serve as a Project Engineer on the busiest and most intellectually daunting construction sites of the company.

Here I participated in the positioning, control, and maintenance of steel members in bridge box girders and the straining of post tension tendons in the pier caps. Also, I ensured attention to detail during the installation of elastomeric bearings to ensure the infrastructure is a non-static service structure.

In addition, I supervised the boring of multiple end-bearing pile points and the creation of countless effective progress reports for concluded activities on site.

Vehemently, I feel that a Master of Science Degree from your prestigious University will help shape and further solidify my knowledge of construction procedures at much higher levels. One of which I wish to attain for complete participation in the practice of the Civil Engineering profession on a global scale.

Also, your University offers an impressive range of expertise on roads, dams, railways, and harbors to planning, supervising, construction, and maintenance procedures with a flexible learning curve.

The Master of Science Degree from your University is the right option for my improvement and exposure to infrastructural construction on a global scale.

Finally, once I conclude the program, my interest and expertise in Construction will be stamped and satisfactory as a Civil Engineer. Hence, I will be both academically and professionally competitive worldwide.