

Motivation Letter

From a young age, my interests have always revolved around engineering. Like keeping bolts and nuts, joining wires, staying at anywhere services or maintenance is carried out to replicate it, most of the times leading to destroying or fixing gadgets. However, the common trend is that I am in love with engineering and engineering is in love with me. Not only do I get motivated with the practicality of engineering, but I also found most of the science courses handy.

I achieved outstanding results in my Secondary School education, earning me a place to study Mechanical Engineering at the University of Ilorin, Nigeria. Although my interests lie at the intersection of mechanical, electronics and computer engineering, however, such a combination or its derivatives were not available in my country at that time, hence my choice. Regardless, I became a self-taught computer programmer and embedded system enthusiast. This earned me one of the top places in my class after my first year in the University. I was subsequently recommended for a national government-backed scholarship, which I was later awarded. In my final year at University, I embarked on a project that combined my acquired knowledge from mechanical engineering, electronics and programming. In spite of the limited access to resources, the tremendous success I got from this project earned me top grades, accolades in several project exhibitions and most of all, paved a way for an opportunity to study Mechatronics and Robotics Engineering on scholarship at Egypt-Japan University of Science and Technology (E-JUST). With my consistency, resoluteness and academic excellence, I have a confident of my candidature for this position.

My time at E-JUST has given me access to resources and resourceful professors who have strengthened my theoretical and practical knowledge of mechatronics and robotics engineering by exposing me to the power of engineering simulations and computer validation. As a result, I collaborated with professors and colleagues to submit two conference publications on life sciences and technology in Japan. These publications entails the use of sensory information for healthy living and Planning of Distributed Minimal Sensor Networks in healthcare to minimize computational load and energy demands. I currently have two conference publications awaiting presentation based on my thesis titled "Insect Killing Robot for Agricultural Purposes". I believe that the effort I have invested in my project further highlights my single-mindedness towards being a Mechatronics and Robotics engineer and researcher for my lifetime. Thus, my tenacity and ingenuity towards projects justify how passionate I am about working on life changing and cutting-edge technologies in Mechatronics and Robotics.

My firm believe in concept of Laboratory-To-Product (LABTOP) has often being the driving force of my achievement and booster of my motivation. I often derive utmost joy in seeing my mini play project manifest into product. A typical scenario could be seen in my learning and personal development cycle, where the curiosity of how to make a useful software in mechanical engineering led me to embedded system, and of course reinforced my electronics. Lots of other personal development were born out motivation ranging from additional Computer Aided Designing, designing Industrial Internet of Things (IIoT) to applying Robotic for Industrial Applications. However, I do not underestimate resources and resourceful personnel who do go a long way in refining whom and what I would be. Therefore, I have strong believe that the entirety of this post master (PDEng) program is a perfect match for me.

Finally, I am completely motivated and driven, and not afraid of achieving any ambitious goals even if it will take me extended hours of work. In light of this, I believe the world class scientific research reputation of Eindhoven University of Technology (TU/e) will further assist my career.