I am sending this email in response to your recent advertisement for a PhD position in the aforementioned subject. Kindly find a copy of my resume attached for consideration. With my bachelor degree in Mechanical Engineering, Master degree in Mechatronics and Robotics Engineering, and collaborative projects on life sciences and technologies, I believe that I will be a good fit for this position.

I am currently on the verge of completing my MSc programme (in few months) at the Egypt-Japan University of Science and Technology, Egypt. I successfully completed my Master Coursework with a very good grade (3.55/4.00). My Master research work involves the utilization of machine learning algorithms (deep convolutional neural network classifier and detector) in training a mobile manipulator robot to detect and kill harmful agricultural pests without using chemicals (pesticides). At the moment, I am preparing to present two conference papers based on this work. I also collaborated with professors and a colleague in authoring two conference publications which were presented at the LIFETECH2019 conference held in Japan. These publications entail 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 have extensive knowledge of Computer-Aided drafting (using Autodesk AutoCAD and Inventor, and Dassault Solidworks and CATIA). I am also proficient in computer programming (using the C,C++, Python, MATLAB and PHP languages) and simulation packages (ADAMS, Simulink and Proteus ISIS). I have a good command of the English Language as evidenced by my IELTS language score of 6.5 (as of 2017). I am very self-motivated and interested in embarking on challenging projects.

It would be my utmost honor and pleasure to be selected as a member of your team to achieve this future promising technology. I humbly look forward to receiving a favorable response from you.

Thank you for your consideration.

Regards,

OBASEKORE, Hammed Olatunde