AN ARTIFICIAL INTELLIGENT 2-PACK ALL IN ONE AI APPLICATION (FACE RECOGNITION AND OPTICAL CHARACTER RECOGNITION SYSTEM).

IN PARTIALLY FULFILLMENT OF REQUIREMENTS FOR THE DEGREE OF BACHELORS IN ENGINEERING

BY:

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UNDER THE GUIDANCE OF

ENGR. U.I UJAM

DEPARTMENT OF COMPUTER ENGINEERING

ENUGU STATE UNIVERSITY OF SCIENCE AND TECHNOLOGY

March 2022

CERTIFICATION

This is to certify that **Chineke David Uchenna with** Registration Number **2017 030 180 328** did this project report on **An Artificial Intelligent 2-Pack All in One Ai Application (Face Recognition and Optical Character Recognition System)** in partially fulfillment for the award of the degree of Bachelor of Engineering (Honor) in Computer Engineering, Enugu State of Science and Technology (ESUT).

………………………   ………………………

Student Name   Date:

APPROVAL

This is to certify that **Chineke David Uchenna** with Registration Number **2017 030 180 328** did this project report on **An Artificial Intelligent 2-Pack All in One Ai Application (Face Recognition and Optical Character Recognition System)** in partially fulfillment for the award of the degree of Bachelor of Engineering (Honor) in Computer Engineering, Enugu State of Science and Technology (ESUT).

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Engr. U.I UJAM   **Engr. U.I NDUANYA**

(Seminar Supervisor)   **(Head of Department)**

………………………….   …………………………..

Date: **Date:**

DEDICATION

I wish to dedicate this entire project to God for seeing me through the working of this project and also to my mom and father for their support, love, understanding and moral support.

ACKNOWLEDGMENT

I want to thank the Department of Computer Engineering for giving me the opportunity to embark on this seminar and all my lecturers whose roles as lecturers gave me an enduring foundation and helped transform me into a visionary and focused person.

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ABSTRACT

An Artificial Intelligent 2-Pack All in One Ai Application (Face Recognition and Optical Character Recognition System), is a mobile application that has various function ranging from, face detection and recognition as well as optical character system all integrated in one application. Previously all this listed system were separated into several bodies their where very expensive and difficult to maintain, face detection and recognition for an example was a totally different system on its own commonly used in the banks, medical center and place like that. In other to achieve all the listed features we have to trained different models for the two systems, to do such we used AI training modules like TensorFlow, to created our very own model. This system is very useful in banks, security sector, schools and almost anywhere that human are.