CHRISANTUS EZE

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TECHNICAL SKILLS

Tools: Pytorch, Tensorflow/Keras, Scikit-Learn, Numpy, Pandas, SQL, Docker, **Python**, **Java**, Kotlin, Flutter, **C/C++**
Areas: Imitation Learning, Deep Learning, Computer Vision, **Reinforcement Learning**, Machine Learning

EDUCATION

Oklahoma State University (OSU) | Ph.D., Computer Science (in-view) [Expected: May 2025]

- **Advisor:** Prof. Christopher Crick **GPA: 3.72/4.00**
- **Research: AI & Robotics**: reinforcement learning, imitation learning, computer vision, self-supervised learning, active learning.

Federal University of Technology, Owerri (FUTO), Nigeria | B.Eng. in Electrical & Electronic Eng October 2013 - October 2018
GPA: 3.72/4.00

PUBLICATIONS

- **Chrisantus Eze** and Christopher Crick. GASP-DA: GAN-based Iterative Self-Supervised Pretraining for Domain Adaptation - [under review]
- **Chrisantus Eze** and Christopher Crick. Enhancing human-robot collaboration by exploring intuitive augmented reality design representations. Proceedings of the 18th ACM/IEEE International Conference on Human-Robot Interaction (HRI), 2023

RELEVANT EXPERIENCE

Department of Computer Science, OSU | ***Graduate Student Researcher*** January 2022 - Present

- The primary objective of my research is to enable robots to efficiently grasp and manipulate a wide range of complex objects within various environments. To achieve this, I carry out fundamental deep learning and robotics research involving computer vision, sequence models such as LSTM and Transformers, reinforcement learning, and imitation learning.
- Currently, I am leading a research project focused on enabling robots to adeptly grasp and manipulate target objects in densely cluttered environments.

OSU | ***Research Feedback Provider*** *for 2023 Undergraduate Research Symposium* July 2022 & April 2023

- I volunteered as a feedback provider/reviewer for the 2023 undergraduate research symposium at Oklahoma State University and the 2022 NSF REU (Research Experience for Undergraduates) summer program.

Seamfix Limited, Nigeria | *Software Engineer* January 2019 - December 2021

- I modularized the BioSmart Software Suite for a new client, reducing the need for extra engineers and making it adaptable for multiple clients. This led to a 15% revenue increase.

PROFESSIONAL DEVELOPMENT

- **Fellow, Hargis Leadership Institute, Oklahoma State University** September 2023
- **Google Computer Science Research Mentorship Program** Feb 2023 - May 2023
- **DeepLearning.ai, Coursera | Deep Learning Specialization** August 2020

HONORS & AWARDS

- **Computer Science Graduate Research and Leadership Awards at Oklahoma State University** **September 2022**
- **Association for Computing Machinery (ACM) 2022 Hackathon First Place Winner** **March 2022**