CHRISANTUS EZE

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TECHNICAL SKILLS

Tools: Pytorch, Tensorflow/Keras, **C/C++,** Scikit-Learn, Numpy, Pandas, SQL, Docker, **Python**, **Java**, Kotlin, Flutter,
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 that enables robots to grasp and manipulate target objects in densely cluttered environments.

Google Computer Science Research | ***Graduate Student Mentee*** February 2023 - Present

- Participated in a mentorship program wherein I was paired with a Robotics Researcher at Google as my mentor. This program has subsequently led to an ongoing project focused on robot manipulation for the purpose of retrieving target objects within 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

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**