CHRISANTUS EZE

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TECHNICAL SKILLS

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

EDUCATION

Oklahoma State University (OSU) | Ph.D., Computer Science (in-view) January 2022 - Present

- **Advisor:** Prof. Christopher Crick **GPA: 3.67/4.00**
- **Research:** Robot Learning: 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. 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

- I work on investigating and proposing ways to train robotic agents to perceive and manipulate objects present in the environment for broader adaptability and generalization.

OSU | ***Research Feedback Provider*** *for 2023 Undergraduate Research Symposium* July '22 & April '23

- Volunteered as a feedback provider for the 2023 undergraduate research symposium at Oklahoma State University & the 2022 NSF REU (Research Experience for Undergraduates) summer program. My duties were to evaluate the research and presentation of the computer science and electrical and computer engineering undergraduates who presented their works.

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

- I successfully set up and modularized the BioSmart Software Suite for use by the new client, resulting in a reduction in the budget allocated for hiring additional engineers. The modularization process has made it easier for multiple clients to adopt and implement the software suite without requiring significant changes to the code. As a result, the company has experienced a 15% increase in revenue thus far.

PROFESSIONAL DEVELOPMENT

- **Google Computer Science Research Mentorship Program** Feb 2023 - May 2023
- **DeepLearning.ai, Coursera | Deep Learning Specialization** August 2020

RELEVANT PROJECTS

- **Image captioning using CNN (ResNet18) and Transformer model | African local soup classification model,** *Acc: 96%* **|** *Tools Used: Pytorch, Numpy, and Pandas*
- **Breast Cancer Survival Prediction,** *Acc: 92%* **| Diabetes Prediction,** *Acc: 64%* **|** *Tools Used: Scikit Learn, Numpy, & Pandas*

HONORS & AWARDS

- **Association for Computing Machinery (ACM) 2022 Hackathon First Place Winner** **March 2022**