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Oluwafemi Azeez

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Education

Carnegie Mellon University - *Elect/Comp Engineering, M.Sc.*

December 2019

- Advised by VijayaKumar Bhagavatula
- Relevant Courses: Deep RL (10-703), Statistical Techniques in Robotics (16-831)

University of Ibadan - *Mechanical Engineering, B.Sc.*

March 2015

Publications

- **Oluwafemi Azeez**, Siddharth Ghiya, Brendan Miller "Agent Probing Interaction Policies." arXiv preprint arXiv:1911.09535 (2019). Submitted to AAAI-20 Workshop on Reinforcement Learning in Games.
- **Oluwafemi, Azeez**, Yang Zou, and B. V. K. Kumar. "Deep Classification Network for Monocular Depth Estimation." arXiv preprint arXiv:1910.10369 (2019). Accepted in BAI Workshop 2019.
- **Oluwafemi Azeez** "Unsupervised Domain Adaptation by Optical Flow Augmentation in Semantic Segmentation." arXiv preprint arXiv:1911.09652 (2019). Accepted in BAI Workshop 2019.

Work Experience

Instadeep - *AI Research Intern*

Lagos, Nigeria | June 2019 -
September 2019

- Deployed a differential privacy app. (https://www.instadeep.com/wp-content/uploads/2019/08/seren_poster_pdf.pdf)

Carnegie Mellon University - *Teaching Assistant*

Kigali, Rwanda |
January 2019 – May 2019

- Teaching assistant for the course "Introduction to Deep Learning" (<http://deeplearning.cs.cmu.edu/>)

African Masters in Machine Intelligence at AIMS Rwanda - *Tutor*

Kigali, Rwanda |
October 2018 – December 2018

- I was a tutor for the course "Foundations of Machine Learning" (<https://sites.google.com/view/marcdeisenroth/teaching/201819/foundations-of-machine-learning>).

Data Systems Limited - *Software Developer*

Kigali, Rwanda |
September 2017 - March 2018

- Built a SAP checkout manager plugin with Java
- Integrated MIGS payment gateway on a nodejs e-commerce web app
- Contributed to an e-learning platform called Eshuri

Sweskills Academy - *Training Facilitator/Lead Developer*

Lagos, Nigeria | June 2017 -
June 2018

- Facilitated students' software engineering training.
- Lead students on a real project for a client using agile development.

Traclist - *Software developer*

Lagos, Nigeria | Dec 2016-
May 2017

- Building web app for smes using Flask (A python web framework)
- Optimizing sme web app with angular js, webpack etc.

Hutbay Limited - *Software developer*

Lagos, Nigeria | July 2016-November 2016

- Scraped data for research purposes
- Built API with django and django rest framework
- Configured Nginx server on linux, database management, SMTP and FTP

Honors and Activities

- Mentor, CMU AI mentorship program: Mentoring minority undergraduates interested in AI research. September 2019
- Founder, AI Saturdays Kigali (<https://twitter.com/AISaturdaysKG>) August 2018
- Founder, AI Saturday Lagos (<https://aisaturdayslagos.github.io/>, <https://twitter.com/AISaturdayLagos>) January 2018

- Mentor/Facilitator, Data Science Nigeria(<http://www.datasciencenigeria.org>) *January 2017*
- Co-organizer Pydata Lagos(<https://www.meetup.com/PyData-Lagos/>) *January 2017*
- Lagos winner NASA space apps challenge *May 2017*
- Engineering impact award by National Instrument, Austin, Texas *August 2015*
- Winner, Interdepartmental Paper Contest *December 2014*

Projects

- Seren** - https://www.instadeep.com/wp-content/uploads/2019/08/seren_poster_pdf.pdf *June 2019-August 2019*
- A Differential Privacy app
- Chownet** - <https://github.com/AISaturdaysLagos/Chownet-Data-Collection> *January 2018 - Ongoing*
- A Local Food Recognition App
 - Built a Data Collector Android App
 - A community project (Presented at [Falling Walls Lab](#) finals)
- Price Prediction based on features of a House** - <http://www.vesper.ng> *April 2018*
- Sourced various house data through web scraping
 - Cleaned and built a predictive model using machine learning
 - Created an API for exposing the functionality
- Radio Shows Recommender Systems** - <https://www.vibeeo.com/home> *April 2018*
- Connected to the app's database through python
 - Implemented recommendation using cosine similarity
 - Designed architecture for integration on the platform.
- Gtbank Sme MarketHub** - <https://www.smemarkethub.com/> *December 2016 - may 2017*
- Built Auction system during valentine festival period
 - Built a Unified Cart System.
- Quad Cooker** - <http://sine.ni.com/cs/app/doc/p/id/cs-16795> *November 2014*
- A cooker that combines electrical, gas, kerosene and solar power for cooking