

Tahir ADURAGBA

Research Interests

- Epidemic Forecasting
- Social media analysis
- Deep Learning
- Natural Language Processing

Education

2019 - Present	PhD Computer Science Durham University, UK
2012 - 2013	MSc Information Systems University of Manchester, Manchester, UK
2009 - 2011	BSc (Hons) Computer Science with First Class Honours Brunel University, London, UK

Publications

JOURNAL PAPERS

T. Aduragba, A. Ahmed, B. Ojuolape, A. Ajani and Y. Adedoyin (2017). Using Artificial Intelligence to Predict Animal Behaviour in Food Webs. *Transactions on Machine Learning and Artificial Intelligence*. Vol. 5(5), pp. 98-111.

Aduragba O. T and Adedoyin Y (2014). Autonomic Service Management in Mobile Cloud Infrastructures. *International Journal of New Computer Architectures and their Applications*. Vol. 4(2). PP 91-107.

CONFERENCE PROCEEDINGS

Aduragba, O. T. & Cristea, A. I. (2019), Research on Prediction of Infectious Diseases, their spread via Social Media and their link to Education, ACM International Conference Proceeding Series (ICPS) 4th International Conference on Information and Education Innovations (ICIEI'19). Durham, Association for Computing Machinery, New York, NY, USA

A. A. Ajani, B. J. Ojuolape, A. A. Ahmed, **T. Aduragba** and M. Balogun, "Comparative performance evaluation of open shortest path first, OSPF and routing information protocol, RIP in network link failure and recovery cases," *2017 IEEE 3rd International Conference on Electro-Technology for National Development (NIGERCON)*, Owerri, 2017, pp. 280-288.

Work Experience

- 09/2019 – Present **Ustinov College, Durham University** - *Resident Tutor*
- Assisting the College Management Team and College Office to ensure good order within the Dryburn residences with particular regard to discipline, security and safety
 - Acting as a contact for emergencies and point of contact for residents outside of office hours
 - Providing advice and assistance to student residents and dealing with problems associated with a residence as appropriate
 - Liaising with the College Management Team and the College Office regarding student accommodation, behaviour and welfare issues
- 07/2019 – Present **IoC TechUp, Durham University** - *Researcher*
- Currently working with the TechUp team to track and measure the impact of the TechUp Women programme to retrain women from underrepresented groups into technology careers.
 - Develop questionnaire and interview questions to be administered at regular intervals during the programme.
 - Collate qualitative and quantitative data to produce clear reports.
- 01/2015 – 02/2019 **SITASYS, Nigeria** - *Principal Solutions Consultant*
- Founded SITASYS, providing software consulting and IT support services.
 - Clients include Office of the Accountant General Kwara State, Nigeria - Treasury department of one of the states in Nigeria.
- 02/2014 – 02/2019 **Kwara State University, Nigeria** - *Lecturer II*
- Lecture and research in the Department of Computer Science.
 - Selected administrative roles include: Student Level Advisor, Undergraduate Final Year Project Coordinator and Advisor for Google Developer Student Club

Volunteer Experience

- 10/2016 – 02/2019 **Mandate 3 Housing Estate Community Association** - *Member*
- Assisted with reporting electrical faults and made arrangement to fix them.
 - Planned and organised a fundraising campaign that raised the required funds to fix a major electrical problem in the community.

Skills

Programming Languages: Python, C++, JavaScript, CSS, HTML, XML, SQL

Frameworks: Pandas, Numpy, PyTorch, Odo, Odo JS Framework, Django,

Machine Learning/Deep Learning Algorithms: Hidden Markov Models, RNNs, CNNs

Version Control Systems: Git