Olorundamilola 'Dami' Kazeem

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EDUCATION

The Johns Hopkins University (JHU), Baltimore, MD
PhD Student in Electrical and Computer Engineering, August 2021 - Present.
Concentration(s): Computational Linguistics and Speech Processing

Stevens Institute of Technology (SIT), Hoboken, NJ
Masters of Engineering in Computer Engineering, 2014.

New York University (NYU) , New York, NY
Bachelor of Science in Mathematics, 2007.
Stevens Institute of Technology (SIT), Hoboken, NJ
Bachelor of Engineering in Electrical Engineering, 2007.
Dual Degree, Dual University Program (NYU/SIT)

HONORS / AWARDS

Department of Energy Computational Science Graduate Fellowship (DOE CSGF) Fellow. 2021 - 2025
National Science Foundation Graduate Research Fellowship Program (NSF GRFP) Honorable Mentionee. 2021 - Present
The National Consortium for Graduate Degrees for Minorities (GEM) Fellow. 2021 - Present
Outstanding Teaching Assistant Award. Department of Electrical and Computer Engineering @ SIT. Fall 2012
National Science Foundation REU Award. Summer 2006

ACTIVITIES/ ASSOCIATIONS

American Association for the Advancement of Science (AAAS) Member.
Association for Computing Machinery (ACM) Member.
Black in Artificial Intelligence (BAI) Member.
Black in Computing (BiC) Member.
Institute of Electrical and Electronics Engineers (IEEE) Member.

- IEEE COMPSAC (Program Committee Member) Data Sciences, Analytics, and Technolologies (DSAT). 2021

The National Association for the Advancement of Colored People (NAACP) Member.
National Society of Black Engineers (NSBE) Member.

RESEARCH/ TEACHING EXPERIENCE

Johns Hopkins University (Visiting Research Scholar) April-August 2021

- Human Language Technologies Center of Excellence (HLTCOE)
- SCALE 2021: Cross Language Information Retrieval (CLIR)

Stevens Institute of Technology (Adjunct Professor) 2017-2020

- See courses taught below.

CS-115-A,B: **Intro. to Comp. Sci. II using Python.** (Adjunct Professor) Spring 2020.
CS-110-B: **Intro. to Comp. Sci. I using Python.** (Adjunct Professor) Fall 2019.
FE-512-A: **Database Engineering.** (Adjunct Professor) Spring 2019, Fall 2018
QF-104-B,C: **Data Management in R.** (Adjunct Professor) Spring 2019.
MIS-201: **Fundamentals of Information Systems.** (Adjunct Professor) Fall 2017.
TM-605: **Probability for Telecom Managers.** (Adjunct Professor) Spring 2017.

CS-513, MIS-637: **Knowledge Discovery and Data Mining I.** (Guest Lecturer). Fall 2016, Spring 2016, Spring 2015, Fall 2014.
MIS-676: **Data Stream Analytics.** (Teaching Assistant). Spring 2016, Spring 2015.
E-115: **Intro. to Programming using C++.** (Teaching Assistant) Fall 2012, Fall 2011.
E-245: **Circuits and Systems.** (Teaching Assistant) Spring 2012.

Hanlon Laboratories at SIT (Data Engineer) 2017-2020

- Providing data access and pipelines to researchers, faculty, and students.

Stevens Institute of Technology (Research/Teaching Assistant) 2013-2016

- Researched analytical methods for streaming and sensor data with specific concentration in sampling, sketching, sliding window, and outlier techniques.
- Assisted with developing course materials (i.e. lectures, assignments, reports) in the emerging area of study in massive streaming and sensor data.

Cyberflow Analytics (acquired by Webroot) (Research Intern) 2013, Summer

- Researched stream and sensor applications, methods, and techniques in big data using mathematical and statistical models, machine learning, analytics, and visualizations.
- Performed exploratory data analysis for shallow packet inspection (SPI) of libpcap data dumps using Wireshark, R, and Python of 3 million network session level records (which were reconstructed from 36 million packet level records) for SPI development.

PUBLICATIONS

A Bio-Inspired Multi-Robot Coordination Approach.
Yan Meng, **Olorudamilola Kazeem**, and Jing Gan.
Int'l Conf. on Informatics in Control, Automation and Robotics (ICINCO), 2007.

A Swarm Intelligence Based Coordination Algorithm for Distributed Multi-Agent Systems.
Yan Meng, **Olorundamilola Kazeem**, and Juan Muller.
Int'l Conf. on Integration of Knowledge Intensive Multi-Agent Systems (KIMAS), 2007.

A Hybrid ACO/PSO Control Algorithm for Distributed Swarm Robots
Yan Meng, **Olorundamilola Kazeem**, and Juan Muller.
IEEE Swarm Intelligence Symposium (SIS), 2007

SKILLS

Computer Languages: C++, Haskell, Python, R, Shell (Bash, Powershell), LaTeX
Software: Cloud Computing (AWS, GCP), Databases (SQL, NoSQL), IDEs and Notebooks (Google Colab, Jupyter Notebooks for Various Programming Language Kernels, RStudio, VSCode, etc.), Version Control (Git, Github), Virtualization (Vagrant) and Containerization (Docker, LXC)
Human Languages: Fluent in English and Yoruba; Intermediate in Chinese (Mandarin) and Polish
Teaching: Computer Programming, Computer Science, Data Science, Engineering (Computer and Electrical), Mathematics, Probability, Statistics
Operating Systems: Linux, MacOS, NixOS, Unix, Windows