VICTOR OJEWALE

Data Science Institute, 164 Angell St, Providence, RI 02906

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EDUCATION

Brown University, RI, USA   *2023 - Present*
Ph.D. in Computer Science
Advised by Suresh Venkatasubramanian

Brown University, RI, USA   *2023 - 2025*
M.Sc. in Computer Science

University of Ibadan, OY, NG   *2015-2020*
BSc. in Computer Science

RESEARCH INTERESTS

Responsible AI; Human-AI Interaction; Algorithm Auditing; Sociotechnical Methods;Large Language Model Evaluations; Accountability, and Transparency.

RESEARCH AND POLICY CONTRIBUTIONS

Preprints

[PP2] Ojewale, V., Ryan, J., Venkatasubramanian, S., Boykin, C. M. "More Is Not Better: On the Fragility of Trust and Reliance in Multi-Modal Uncertainty Expressions for Large Language Models."

[PP1] Ojewale, V., Raji, I. D., Venkatasubramanian, S. "Multi-lingual Functional Evaluation for Large Language Models." *arXiv preprint*, 2025.

Conference Publications

[CP2] Ojewale, V., Steed, R., Vecchione, B., Birhane, A., Raji, I. D. "Towards AI Accountability Infrastructure: Gaps and Opportunities in AI Audit Tooling." In *Proceedings of the 2025 CHI Conference on Human Factors in Computing Systems*, 2025. **Cited in the 2025 AI Action Summit International AI Safety Report**.

[CP1] Birhane, A., Steed, R., Ojewale, V., Vecchione, B., Raji, I. "AI Auditing: The Broken Bus on the Road to AI Accountability." In *2024 IEEE Conference on Secure and Trustworthy Machine Learning (SaTML)*, April 2024. **Distinguished Paper Award**.

Public Comments

[PC3] Raji, D., Birhane, A., Vecchione, B., Steed, R., Ojewale, V. "Comment on NIST-2023-0309." Request for Information (RFI) Related to NIST's Assignments Under Sections 4.1, 4.5, and 11 of the Executive Order Concerning Artificial Intelligence, National Institute of Standards and Technology, Feb. 2, 2024.

[PC2] Raji, D., Vecchione, B., Birhane, A., Steed, R., Ojewale, V. "Comment on NTIA-2023-0005." NTIA AI Accountability Request for Comment, National Telecommunications and Information Administration, June 15, 2023. **Cited in the NTIA AI Accountability Policy Report**.

[PC1] Raji, D., Vecchione, B., Birhane, A., Steed, R., Ojewale, V. "Feedback from Mozilla Open Source Audit Tooling (OAT) Project." Delegated Regulation on Data Access Provided for in the Digital Services Act F3423931, European Commission, May 31, 2023.

RESEARCH EXPERIENCE

Brown University - The Center for Tech Responsibility   Oct 2023 - Present
Graduate Fellow

· Conducting research on the sociotechnical evaluation of large language models, with a focus on user-centered audit frameworks and real-world deployment contexts.

Mozilla Foundation - Open Source Audit Tooling(OAT) project   July 2022 - Present
Research Assistant

· Contributing to research on the practice of AI auditing. Produced two academic publications and a report; submitted 3 public comments on AI accountability to government agencies in the U.S. and E.U.

Brown University - RISE Lab   Nov 2020 - Sept 2023
Research Assistant

· Working with Prof. Malik Boykin in building a psychology research software that captures users' preferences of different performance metrics of ML algorithms. Participating in drafting tutorials for participants in research survey.

Project Mamome   June 2021 - August 2022
Research Assistant

· Investigating Gut Microbiome of Pregnant for the mitigation of Gestational Diabetes Mellitus(GDM)
· Building pipeline for the end-to-end analysis of samples from sequence reads to taxonomic classifications including quality filtering and other downstream tasks.

OTHER EXPERIENCE

SeqHub Analytics LLC   Nov 2020 - Sept 2023
Data Scientist

· Led technical development of a PDF summarization engine using BERT and contributed to backend infrastructure for analytics pipeline and conversational AI assistant for teachers.
· Facilitated a introductory technical trainings on building with large language models for college students.

SeqHub Analytics LLC   July 2020 - Nov 2022
Data Science Intern

· Contributed to internal software development projects with machine learning integrations in the context of Natural Language Processing(NLP).
· Introduced to Genomic Data Science with qiime2 for microbiome analysis.

Information Technology Unit, College of Medicine, U.I.   Oct 2019 - May 2020
Student Intern

· Maintenance of the institution's website using HTML, CSS, javascript, and PHP
· Assisted clients in solving computer-related issues and software fixes in the help desk unit.
· Participated in Software Requirements Gathering for in-house built software from the finance unit.

HONOURS, AWARDS AND RECOGNITIONS

Distinguished Paper Award, IEEE Conference SaTML	*2024*
Winner, "Can You Hack the Future" Ideathon	*2020*
Winner, Best Problem Documentation, AI Commons Health Hackathon	*2020*
Nominated: Computer Science Dept. Programmer of the Year (Final Year Category)	*2019*

SELECTED VOLUNTEERING AND COMMUNITY SERVICE

Academic Service

Socials Co-Chair, FAccT 2025

Conference Reviewing: COLING(2025), AIES(2025)

Workshop Reviewing: RegML(NeurIPS'24,25), EvalEval (NeurIPS'24)

Community Involvement

Tiny & Great Inc.   2022 – Present
Volunteer

· Planning and facilitating innovative education enrichment, including school club outreach, summer immersion programs, and the Vision for Education Empowerment (VEE) initiative in underserved Nigerian communities.

Data Science Nigeria AI Invasion   Nov 2021
Data Science Tutor

· Facilitated five days of hands-on machine learning tutorials at the University of Osun, Nigeria.

DSN AI+ Club, University of Ibadan   2020
Community Facilitator

· Led campus-based Python and machine learning training sessions for students at the University of Ibadan.

NACOSS House of Representatives   2019 – 2020
Student Representative

· Served on departmental committees of the National Association of Computer Science Students to support student welfare and collaborated with faculty to improve the academic environment.

TECHNICAL STRENGTHS

Machine Learning	Scikit-Learn, Tensorflow, PyTorch, NLTK, DialogFlow
Data Science	Pandas, Matplotlib, Numpy, Tableau, Streamlit, BeautifulSoup, ScraPy, Spacepy, Jupyter
Software Engineering	Flask, React, Laravel, Linux, MongoDB
Bioinnformatics	qiime2