

# VICTOR OJEWALE

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

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## EDUCATION

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### 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

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

## RESEARCH AND POLICY CONTRIBUTIONS

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### Work in Progress

[PP4] Ojewale, V., Metaxa, D., Venkatasubramanian, S. “MonitrLLM: Empowering User Communities through Collaborative Audits of Large Language Models.” *Under Review*

[PP3] Ojewale, V., Suresh, H., Venkatasubramanian, S. “Audit Trails for Accountability in Large Language Models” *arXiv preprint*, 2026

[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.” *Under Review*

[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**.

### Workshop Publications Abstracts

[WP1] Ojewale, V., Venkatasubramanian, S. “Beyond Static Leaderboards: A Roadmap to Naturalistic, Functional Evaluation of LLM” *LM4UC@AAAI2026*, 2026.

### 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

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- 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 - May 2025  
*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

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- 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 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

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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

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### 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

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