

# VICTOR OJEWALE

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## EDUCATION

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### **Brown University, RI, USA**

*to start fall 2023*

Ph.D. in Computer Science(Center for Tech Responsibility, Reimagination and Redesign)

Advised by Suresh Venkatasubramanian

### **University of Ibadan, OY, NG**

*2015-2020*

BSc. in Computer Science

## RESEARCH EXPERIENCE

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### **Brown University - RISE Lab**

Nov 2020 - Present

*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, also involved in the Winland Project doing Genome Wide Association studies in understanding education outcomes in relation to genetics.

### **Mozilla Foundation - Open Source Audit Tooling(OAT) project**

July 2022 - Present

*Research Assistant*

- Working with Deb Raji on Mozilla's Open Source Audit Tooling (OAT) Project to identify the resources and tools needed to support algorithmic auditors and to make thorough and consequential AI scrutiny the status quo.

### **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 - Present

*Data Scientist*

- Leads the Technical team in Nigeria, development of In-house Summarisation Engine for PDFs with BERT, involved in implementing MongoDB backend for emotional analytics pipeline, Worked on new capabilities for the company's flagship conversational AI agent for assisting Teachers in reallocating 20 – 40of administrative time to activities that directly support the student.

### **SeqHub Analytics LLC**

July 2020 - Nov 2020

*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.

## TECHNICAL STRENGTHS

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<b>Machine Learning</b>	Scikit-Learn, Tensorflow, NLTK, DialogFlow
<b>Data Science</b>	Pandas, Matplotlib, Numpy, Tableau, Streamlit, BeautifulSoup, Scrapy, Spacepy, Davitpy, Jupyter
<b>Software Engineering</b>	Flask, React, Laravel, Linux, MongoDB
<b>Bioinformatics</b>	qiime2

## SELECTED INDEPENDENT COURSEWORK

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Deep Learning Specialization, Deeplearning.ai  
 Introduction to Applied Machine Learning-Alberta Machine Learning Institute  
 Introduction to TensorFlow for Artificial Intelligence, ML and DL - Deeplearning.ai

## HONOURS, AWARDS AND RECOGNITIONS

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Winner, "Can you hack the Future" Ideathon	<i>Spring 2020</i>
Winner, Best Problem Documentation (AI Commons Health Hackathon)	<i>Spring 2020</i>
Nomination as Programmer of the Year (Final Year Category)	<i>Summer 2019</i>

## SELECTED VOLUNTEERING AND COMMUNITY SERVICE

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<b>Tiny &amp; Great Inc.</b> <i>Program Manager</i>	2022 - Present
Planning and facilitating innovative education enrichment, which includes school club outreaches, summer immersion outreaches and Vision for education empowerment (VEE) programs.	
<b>Data Science Nigeria AI Invasion</b> <i>Data Science Tutor</i>	Nov 2021
Facilitated classes for 5 days of full machine learning immersion at the University of Osun.	
<b>DSN AI+ Club, U.I.</b> <i>Community Facilitator</i>	2020
Evangelized AI literacy and facilitated multiple Python and ML training for the community in the University of Ibadan.	
<b>National Association of Computer Science Students House of Representatives</b> <i>Student Representative</i>	2019/2020
· Served on committees overseeing departmental policies with regards to student welfare and collaborated with faculty and students to enhance educational and social environments.	
<b>Alagbagba Summer School</b> <i>Music Tutor</i>	2019
Taught music classes to students in a rural settlement for continuous education purposes and also assisted in providing supervision of the student class segmentations.	