

[adazejohnson@gmail.com](mailto:adazejohnson@gmail.com)  
[janet.ikhile@utah.edu](mailto:janet.ikhile@utah.edu)  
**(801)-502-8171**  
**Salt Lake City, Utah, USA**

**JANET ADAZE IKHILE**

[LinkedInProfile/](#)  
<https://github.com/JanetIkhile/>  
<https://github.com/Janet-Ikhile/>  
[personal website](#)

## **EDUCATION**

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### **University of Utah**

Kahlert School of Computing  
Salt Lake City, Utah, USA

**August 2023 - Present**

Anticipated Graduation: Fall 2028

- PhD, Computing
- Research Focus: Human-Computer Interaction (HCI), Digital Health Tools.
- CGPA: 3.96/4.0

### **Covenant University**

Ota, Ogun State, Nigeria

**Sept 2015 – Dec 2020**

- B.Sc., Department of Mathematics
- CGPA: 3.91/4.0

## **EMPLOYMENT**

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### **University of Utah**

**August 2023 – Present**

Graduate Research Assistant

- Currently synthesizing findings from interview study to write a research paper focusing on publishing the work.
- Transcribed interview study data and performed qualitative analysis, including inductive thematic analysis.
- Designed interview materials and conducted interview studies with movement disorder specialists.
- Created a human subject IRB for my study (including IRB amendments), which received an exemption from the IRB.
- Conducted/ currently conducting extensive literature reviews to support the research work. This includes summarizing relevant research papers and books to understand the current state of knowledge in the field.
- Developed prototype for touch-based measures of human motor performance and analyzed data retrieved from the prototype.
- Software development, including coding, testing, and debugging.
- Designed experimental studies and brainstormed approaches to yield maximum results relevant to research questions.

### **Seamfix Limited**

**January 2021 – July 2023**

Lekki, Lagos State, Nigeria  
Software Engineer

- Developed and maintained various enterprise applications built with Java EE and Spring Boot.

- Tested and corrected problems with code and implementation to improve usability and better serve customers.
- Wrote unit and integration tests for the team's code to improve quality.
- Collaborated with the product and design teams to better understand end-user requirements.
- Provided training and support for other team members.
- Used log monitoring tools like AWS CloudWatch and Elastic Kibana to aid product support/delivery.
- Participated in scrum activities and code review sessions.
- Worked with code management and continuous integration tools such as Git and Jenkins

**Seamfix Limited**

**February 2023 – August 2023**

Lekki, Lagos State, Nigeria

Backend Instructor

- Developed course materials that aligned with the curriculum and learning objectives.
- Facilitated lectures and practical exercises to impart technical skills and concepts necessary for backend development.
- Offered assistance and feedback to students on their projects and assignments.
- Collaborated with other instructors and course coordinators to ensure seamless course delivery.
- Stayed up to date with the latest trends and advancements in backend development, integrated them into the course curriculum, and provided mentorship and guidance to students to help them build their portfolios and prepare for job interviews.

**Seamfix Limited**

**January 2019-July 2019**

Lekki, Lagos State, Nigeria

Software Quality Assurance Engineer Intern

- Created test plans, scenarios, scripts, or processes for testing.
- Documented software defects and reported defects to software developers.
- Developed testing plans for database impacts, software scenarios, regression testing, negative testing, error or bug retests, and usability.
- Participated in product design reviews to provide input on functional requirements, product designs, schedules, or potential problems.
- Collaborated with field staff or customers to evaluate or diagnose problems and recommended possible solutions.

**NIIT**

**February 2016-December 2016**

Lekki, Lagos Nigeria

Java Development Intern

- Carried out projects with peers and individually using the concept taught in the Java course.
- Responsible for onboarding new students on the Java course.

**KNOWLEDGE AND SKILLS**

Back-End Development: Java-Spring Boot.

Front-End Development: HTML5, CSS (Bootstrap), JavaScript.

Database Management: SQL, PostgreSQL, MongoDB. Version Control System – GitHub

API Development: Proficient in REST APIs

Design Knowledge: OOP Constructs. SOLID Principles. Clean Coding Practice  
Test: Unit/Integration Tests, Software Testing, Automation Testing

## **HONORS AND AWARDS**

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- Best Graduating Student, Department of Mathematics, Covenant University **2020**
- Best Quality Assurance Engineer Q1 & Q2 **2021**

## **STUDENT MENTEES/LEADERSHIP**

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**Mentor: Designing Collective Systems Lab** **May 2024 – Present**

- I mentored undergraduate and high school students, and I'm currently mentoring an undergraduate student to improve the existing prototype digital health tool with more measurement.

### **Mentees**

#### **Timi Omoteso**

(CS) NSF REU, BS'26 Georgia Tech

**Summer 2024**

#### **Lincoln Gierisch**

Itineris Early College High School 2025

**Summer 2024**

(Price College High School Summer Research Scholar)

## **Presentations**

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- Human-Centred Design of Touch-based Tools for Tracking Motor Performance, [DELPHI](#) 2024
- Application of Differential Equations in the Vibration of Beams, Covenant University, 2020
- Automation of APIs using Rest Assured, Seamfix Limited, 2019