

# Ikechukwuka Ofili

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## EDUCATION

**Bachelor of Science Computer Engineering, Mathematics Minor**

*The University of Texas at Arlington*

Engineering GPA: 3.8

**August, 2024**

*Arlington, TX*

## WORK EXPERIENCE

**University of Texas at Arlington**

*CSE Undergraduate Teaching Assistant*

**Arlington, TX**

*Jan – May 2023*

- Oversaw the progress of 50+ students in an Algorithms and Data Structures class.
- Held office hours for 6 hours a week where I explained the class concepts to students.
- Hosted occasional mock interviews and application info-sessions for interested students.
- Worked with the instructor to refine the entire class structure for future iterations of the course.
- Introduced automated downloading of students' submissions to the class.
- Collaborated with fellow TAs to develop the 1<sup>st</sup> ever grading suite for this class thereby reducing grading times drastically.

**EducationUSA Advising Center**

*Intern*

**Lagos, Nigeria**

*Sep 2019 – Apr 2020*

- Helped students with their application to US colleges.
- Briefed the new members on how to use the resources and equipments available at the center.
- Guided students through the biannual college fair.

## SKILLS

**Programming Languages:** C, Java, C++, x86\_64 and ARM assembly, Haskell, Verilog, Python, PHP, Bash, Rust, Kotlin, JavaScript, SQL, R, Common Lisp

**Tools:** Git, L<sup>A</sup>T<sub>E</sub>X, MySQL, Java Swing, Java Spring JPA, Android Studio, Debian Linux, PHPMYAdmin

**Soft Skills:** Detailed-oriented, Communicative, Collaborative, Critical thinker, Willing to learn, Creative-minded

## AWARDS & HONORS

- Freshman Distinction Roll (4.0 GPA in first 30 hours) Spring 2020.
- Dean's List Spring 2022.
- Sabre Holdings' Outstanding Professional Computer Engineering Student Award Spring 2023.

## INTERESTS

FPGA technology, Machine learning, AI, Computer hardware/software design, Cybersecurity and IoT, Playing the bass guitar