SARAH TUER SOLARIN

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EDUCATION

BABCOCK UNIVERSITY Ogun, NG

Bachelor of Computer Science September 2020 – September 2024

Cumulative GPA: 4.79/5.0; GPA: 4.91/5.0

Relevant Coursework: Programming in C/C++, Java OOP, Discrete Math (Now), Hardware & Operating Systems, CompTIA Network + & Security.

WORK EXPERIENCE

BABCOCK UNIVERSITY COMPUTER CLUB (BUCC)

Back-end Developer March 2021- NOW

- Worked on redesigning university's official website (for students and parents), generated new and responsive User Interface with improved backend system in less than 2 months .
- Integrated user-facing elements developed by front-end developers with server side logic through the development of student-companion mobile application, improving information dissemination to student body by 70%.
- Taught over 20 interested individuals how to build simple back-end systems using Flask and SQL.

VOLUNTEER WORK

Programming Tutor January 2021 - May 2022

- Taught C/C++ to fellow students through online classes during first year on campus and later advanced to physical classes, making sessions open to other languages and departments; tutored over 200 people.
- Increased a course's pass grades by 45% by hosting Programming in Java tutorial classes for the university's Computer Science department, and other interested individuals.

UNIVERSITY PROJECTS

HOKIMI AR — FullStack

- Lead team of 3, implemented AR e-commerce and e-learning web application using JS & ML tools like three.js & OpenCV.
- Awarded Third Place in Babcock University Software Exhibition held throughout all levels of Department of Comp. Science.

DESKTOP ASSISTANT RESOURCE MONITOR — System/Backend

- Designed virtual assistant capable of executing commands (voice recognition) and remotely monitoring desktop resources, making use of sockets.
- Selected as one of top 10 projects in international 'Hack4Pan' competition. (GitHub)

OPEN SOURCE CONTRIBUTIONS

- Wrote code file for Data Structures and Algorithms to solve issue #263 under implementation of string data structures (#132), solution was accepted.
- Contributed accepted solution #264 to solve Matrix Chain Multiplication problem, under Data Structures and Algorithms.

CERTIFICATES

- Udemy — Python Data Science and Machine Learning Certificate [Python for Data Science & Machine Learning]
- Aspen ECCouncil — Certified Secure Computer User Certificate, New Horizons, Nigeria [CSCU]
- Sololearn — C++, Python.
- University of London - Internship Experience UK 2022 [IEUK - 22]

ADDITIONAL

Technical Skills: Python, C++, C, Java, Javascript, Node.js, Express, VB.Net, HTML, CSS, SQL, Flask, Bootstrap, Git, Postman, Linux Kernel, Visual Studio, VSCode, IntelliJ, Eclipse, MS Office, Hypervisor Management/Virtualization (Oracle VM), Unit Testing, Code Review and Documentation.

Languages: English; Yoruba, Mandarin Chinese.

Interests: LeetCode challenges, Machine Learning, biking, cooking.