SARAH TUER SOLARIN

LinkedIn| GitHub | (+234) 915-507-7857 | sarahsolarin56@gmail.com | sarahsolarin.com

EDUCATION

Babcock University   Ogun, Nigeria
Bachelor Of Computer Science   Sept 2021 - July 2024
Cumulative GPA: 4.81/5.0; GPA: 4.91/5.0
- ○ **Relevant Coursework**: Programming in C/C++, Java OOP, Discrete Maths, Hardware & Operating Systems, CompTIA Network + & Security.

TRAINING AND CERTIFICATION

- ○ 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]

PROFESSIONAL WORK EXPERIENCE

Moni Africa
Back-end Developer   July 2022 - NOW
- ○ Built a P2P Wallet CRUD API system with **Paystack integration** using the MVC design pattern. Made use of Node.js, Express, Sequelize and other powerful tools.
- ○ Designed email templates using HTML, CSS, Node & Express for the company and solved multiple bugs in company's API.
- ○ Learned how to; work with Sprint planning cycle & SCRUM development process, lead social sessions at company, present updates on code at daily Stand Up meetings, make use of Notion, Jira Board, lay out schedules with Meet and Calendly, work with team members as well as other departments like QA.

Babcock University Computer Club (BUCC)
Ogun, Nigeria
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   Jan 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.

OPEN SOURCE CONTRIBUTION

Data Structures & Algorithms
Open Source Contributor(Python/C++)
- ○ 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.

ACADEMIC ACHIEVEMENTS

Overall Best CGPA
Department Of Computer Science, Babcock University   2021-NOW
- ○ Noticed as the student with the overall highest CGPA in the Department Of Computer Science (SWE, CIS, CS, IT), Babcock University since first year on campus.

PERSONAL PROJECTS

HOKIMI AR — FullStack
- ● Lead team of 3, implemented AR e-commerce and e-learning web application using JS & ML tool 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)

SKILLS AND INTERESTS

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.