

Olorundara Akojede

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Education

Bachelor of Science, Biomedical Engineering (August 2024)

University of Lagos, Lagos, Nigeria

Experience

Developer Relations Intern — Solana Foundation, Switzerland (Remote, Jan 2025 – March 2026)

I developed and managed technical content and knowledge bases for Solana's products, ensuring clear communication of complex concepts to diverse audiences. I built high utility Rust crates that improved developer experience on Solana

Summer Experience Engineering Design(SEED) Intern — Oshman Engineering Design Kitchen, Rice University (Onsite, May – July 2024)

- Collaborated on the development of AquaBot, a low-cost prototyping tool for groundwater sampling designed for extended field use—demonstrated the end-to-end engineering design process
- Applied client-centered problem-solving to translate research data into practical solutions, using 3D printing, electronics design, and machining tools. Included presentation of findings and report documentation for project stakeholders

Summer Intern — Rice360 Design Studio, University of Lagos (Sept – Nov 2022)

- Co-designed and refined [IncuBed](#), a cost-effective neonatal incubator prototype tailored to low-resource healthcare settings in Nigeria. Conducted rapid prototyping and design-for-manufacture iterations using microcontrollers (Arduino), [Ladder Logic PLCs](#), and laser-cut components
- Supported project management through documentation, progress tracking, and funding logistics. Presented outcomes to local health partners and contributed to client-focused reporting

Engineering Design Lead — UBORA Institute for Biomedical Engineers × UNECA (Virtual, June 2020)

- Designed an [automated hand-washing system](#) to combat COVID-19 transmission, emphasizing human factors and usability in resource-constrained environments

Presentations & Reports

- [IncuBed Video Pitch](#) – showcases concept, design journey, evaluation outcome, includes demo
- [Flowmetrics Presentation](#) – highlights data-informed design optimizations towards client goal
- [AI Quilliri](#) – undergraduate thesis