Nwobodo Somto Lily

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EDUCATION

Heriot-Watt University, Edinburgh, Scotland `   **Expected May 2025**

Master of Science in Data Science(**Current Grade: 85%**)

Relevant Courses: Data Analysis and Visualization, Advanced Software Engineering, Big Data Management, Data Mining and Machine Learning, Statistical Modelling and Analysis, Biologically Inspired Computation, etc.

Projects:

- **Dashboard Development for User Insights: Museum Dashboard Project**
  - Built interactive visualizations for the exploration of museums in UK using D3.js
  - Applied user-centric design principles and agile development practices to deliver a comprehensive solution meeting user requirements and expectations.
- **Multi-Threaded Airport Management System**
  - Developed an airport management system in Java by implementing defensive programming strategies, design patterns and threads.
  - Led a dynamic team of 5 in the development of a sophisticated airport management system in Java utilizing agile Scrum methodologies.

Covenant University, Ogun State, Nigeria   **August 2016 - December 2020**

Bachelor of Science in Computer Science **(CGPA: 4.88/5.0)**

Relevant Coursework: Algorithms and Data Structures, System Architecture, Software Engineering, Artificial Intelligence, Web Development, Computer Security, Human-Computer Interaction, Object-Oriented Programming, etc.

Courses and Certifications: Certified Product Manager (AIPMM), IBM Artificial Intelligence Analyst Certification, Design Principles, InsideSherpa Virtual Experience Internship: PWC, Goldman Sachs, JP Morgan Chase, CommonWealth Bank.

WORK EXPERIENCE

- **Heriot-Watt University**   **Edinburgh, United Kingdom**
  Market Insights Intern   June 2024 - Present
  - Developed and Implemented **Power BI** dashboards for multiple teams, highlighting insights, enhancing data visualization, and facilitating decision-making.
  - Analyzed market trends, customer needs, and competitive landscapes and developed detailed reports and presentations to communicate research findings.
- **AFEX**   **Abuja, Nigeria**
  Product Manager   November 2022 - December 2023
  - Collaborated closely with designers and developers to synthesize user feedback into an intuitive and visually captivating product, driving the development of 10+ features, including facial recognition, dark themes, and app internationalization (translated into French and Swahili), resulting in an 80% surge in user satisfaction.
  - Managed stakeholders across six countries, ensuring effective communication and collaboration in diverse cultural and market environments.
  - Utilized data-driven approach by gathering user data, extracting insights, and tracking key product metrics to inform the redesign of a B2B Enterprise Resource Planning software, driving adoption across six countries.

  Product Management Graduate Intern   April 2022- November 2022

- o Conducted extensive market research and competition analysis to guide the redesign of a mobile application tailored for users with low-tech literacy, leading to an 80% increase in usability and customer satisfaction.
- o Aligned cross-functional teams of 10+ by facilitating efficient communication and motivation through productive meetings, clear tickets and documentation, and effective stakeholder feedback channels.

- **Niger Delta Power Holding Company**   **Abuja, Nigeria**
  Software Development Intern   March 2021- March 2022
  - o Collaborated with a cross-functional team of 8 for the ideation, requirements gathering, design and development of a Human Resource Management (HRM) software.

- **Penthusia Media Limited**   **Abuja, Nigeria**
  Operations Manager   September 2021 - January 2022
  - o Coordinated cross-functional teams to align departmental objectives with company goals, setting and achieving targets.
  - o Developed and presented comprehensive quarterly reports on operational performance to stakeholders, using Microsoft PowerPoint to facilitate informed decision-making.

  Digital Content Manager   September 2020 - September 2021
  - o Led the successful launch of a storytelling community, achieving a participation base of over 400 members with a monthly growth rate of 20%.

  Web Developer   March 2020 - September 2020
  - o Gathered requirements, designed, prototyped, developed, and hosted the company's website with analytics and a content management system using **Vue JS and Python**, ensuring optimal user experience and functionality.

- **Easy Ace Synergy**   **Abuja, Nigeria**
  Software Development Intern   January 2019 - July 2019
  - o Designed and built responsive, SEO-optimized websites for five small businesses, incorporating essential features like blogs and sign-up forms using **HTML, CSS, JavaScript, PHP** and **Python.**
  - o Designed and developed a cross-platform mobile app for exam practice using **Ionic 3**, attracting over 100 users and featuring practice tests, progress tracking, and user analytics.

  Coding Instructor
  - o Taught Python programming and web development to over 60+ students from grades 4-8, enabling students to build simple, interactive websites in two weeks.

VOLUNTEERING EXPERIENCES

- **TheSheCommunity**   **Nigeria**
  Community Manager   March 2020 - March 2021
  - o Established and managed a vibrant community of 100+ young women, facilitating access to opportunities, mentorship, and resources aimed at fostering female participation and empowerment in STEM fields within Nigeria.

- **National Association of Computer Science Students, Covenant University**   **Ogun, Nigeria**
  Treasurer   September 2018- September 2019
  - o Strategically managed and allocated funds during high-impact department activities for 600+ faculty and staff.

  Academic Success Tutor   September 2017-September 2019
  - o Tutored and mentored 500+ students in programming, maths and theoretical computer science courses.

SKILLS AND INTERESTS

- Product Management Skills: Stakeholder management, backlog management, sprint planning, scrum, roadmap development, quality control, strategic planning, User Interface/ User Experience (UI/UX).

- Technical Skills: Data analysis, data visualization, data storytelling, SQL, Jira, Confluence, Microsoft Excel, Microsoft PowerPoint, Vue JS, PHP, Java, JavaScript, D3, HTML, CSS, C#, Powerapps, MySQL, Neo4js, CQL, MongoDB, Python, Power BI.

- Soft Skills: mentorship, tutoring, attention to detail, empathy, communication, teamwork, leadership, critical thinking, public speaking, and presentations.