

ALINDA S. P. BYAMUKAMA

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SKILLS

- Python Backend development
- Data analysis
- Database and API development
- Frontend development (React, Figma)
- Git version control
- Research and qualitative data collection
- Legal research and drafting
- Data cleaning and documentation
- Teamwork and cross-functional collaboration
- Technical writing and documentation
- Problem-solving and analytical thinking
- Stakeholder engagement

EXPERIENCE

Data Analysis Trainee 02/2026 – 04/2026

Women In Technology Uganda (WITU) - Kampala, Uganda

- Gaining hands-on skills in data analysis tools and techniques including Python (pandas), SQL, Power BI, and Excel through the WITU Data Analysis Program.
- Completing real-world data projects covering the full analysis workflow: data cleaning, exploration, visualisation, and storytelling.

Research Assistant - Justice For Her Project 10/2025 - 11/2025

UN Women - Masaka, Uganda

- Conducted four key informant interviews and five in-depth interviews across multiple sites while facilitating informed consent and engaging respondents.
- Collected qualitative and quantitative data using KoboCollect/ODK tools, adhering to strict accuracy and study protocols.
- Supported transcription of Luganda-language interviews using digital tools with manual review for clarity.
- Managed daily field documentation and data verification tasks.

Software Development Intern 08/2024 - 01/2025

Tunga - Kampala, Uganda

- Wrote technical documentation for setup, architecture, and deployment.
- Collaborated across teams using Git workflows and sprint reviews.
- Designed admin interfaces in Figma and delivered responsive React components.
- Attended development team trainings, daily meetings, and sprint huddles.

Backend Microservices Trainee 02/2024 - 05/2024

Tunga Impact Academy - Kampala, Uganda

- Built projects with Python and Django; participated in pair programming and team code reviews.
- Learned Docker basics for deployment and environment consistency.

Junior Software Engineer 09/2022 - 08/2023

Refactory Academy / Agripoint - Kampala, Uganda

- Designed a warehouse tracking UI with Figma and collaborated on the frontend with React.
- Introduced Git branching workflows for smoother team collaboration.
- Participated in code reviews and delivered completed products within project deadlines.

Legal Associate 03/2018 - 03/2020

Law & Advocacy for Women in Uganda (LAW-U) - Kampala, Uganda

- Researched case law and developed educational materials on women's legal rights.
- Facilitated community workshops and managed digital channels.
- Drafted legal research briefs and represented the organisation in stakeholder workshops.

PROJECTS

Co-work & Café Finder GCP · Firebase · Firestore · Gemini

A café and co-work discovery app for Kampala built at a Google "Build with AI" event.

See live at <https://cowork-cafe.web.app/>

Global Literacy Analysis Python · Pandas · Jupyter

A notebook exploring global literacy across countries and years — the full workflow from raw data through cleaning, exploration, and visualisation.

See live at <https://github.com/alindaByamukama/global-literacy-analysis>

Female Employment Analysis Python · Pandas · Jupyter

An analysis of female employment rates — cleaning a raw dataset from scratch and building it into a clear visual story.

See live at https://github.com/alindaByamukama/female_employment_notebook

EDUCATION

MSc Web Design and Development Expected Completion 12/2026

UNICAF (UK-accredited) - Zambia

Ongoing

Bachelor of Laws (LLB) 08/2017

University of London - United Kingdom

CERTIFICATIONS & AWARDS

- Community-Engaged and Community-Based Participatory Research - CITI Program
- Backend Microservices with Python - Tunga Impact Academy
- Certificate in Software Engineering (JavaScript) - Refactory Academy
- Meta / Andela Front-End Certificate (React)
- International Computer Driving License (ICDL)

REFERENCES

Available upon request