

# Alipio Burobe Ebenezer

Upper West Region, Wa , Ghana  
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## EDUCATION

**CK Tedom University Of Science and Technology**

November 2025

*Bachelor of Science, Computer Science, Second Class Upper Honours*

## WORK EXPERIENCE

**Growth and Innovation**, Coalition for Positive Change, Ghana

October, 2021 – Present

- Manage posting & engagement on social platforms.
- Create visuals for content (graphics, infographics, videos).
- Run digital campaigns (ads, hashtag pushes, growth experiments).
- Lead innovation pilots (TikTok/Reels challenges, podcasts, livestreams).

**Web-Designer & Graphic Designer**, Dasfam Tech Solutions, Ghana

May 2021 – December 2024

- Created engaging viral assets, including graphics, icons and layouts, aligned with brand guidelines
- Designed a portfolio website for the organization
- Coordinated with various agencies under the ministry in support of the Minister's functions.
- Designed user-friendly interfaces and interactive prototypes to enhance user experience across web and mobile platforms

**UI/UX Designer** Bytes Bizz Technology, India,

Nov - Dec 2022

- Analyzed data to define user personas and design goals.
- Created wireframes (basic layouts) and interactive prototypes to visualize and test design ideas before development.
- Designed the final look and feel of digital products including colors, typography, icons, and layouts.
- Conducted research to understand user needs, behaviors, and pain points through surveys, interviews, and usability testing.

**Teaching and Assistant**, St Loius Educational Complex, ICT

Sept 2022 – Dec 2022

- Organized and taught tutorial sessions for primary students.
- Guided students in practical computing tasks
- Assisted in lesson planning
- Served as an invigilating assistant during school examinations.

## TEACHING EXPERIENCE

**Teaching Assistant**, *St Loius Educational Complex*

- Basic 6 – Information Communication and Technolgy

Sept – Dec 2022

## RESEARCH

**Undergraduate Project:** This project involves the design and implementation of a responsive web-based inventory management system using client-side technologies such as HTML5, CSS3 and JavaScript. Designed to streamline inventory tracking, enhance data accessibility, and improve user interaction through an intuitive user interface, ultimately enabling efficient stock management for small to medium-sized enterprises.

*CK Tedom University Of Technology and Applied Sciences Theses and Dissertations Space*

**Research work:** This research evaluates NIST's newly standardized post-quantum cryptography algorithms (Kyber, Dilithium, and SPHINCS+) against classical schemes like RSA and ECDSA. Using open-source implementations, it benchmarks performance and analyzes vulnerabilities such as misuse, randomness failures, and timing leaks. The results provide practical guidance for developers and system integrators transitioning to PQC.

*ResearchGate*

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## SCHOLARSHIPS AND AWARDS

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Mr Eazi Student Scholarship (GHS 1600)  
*CK Tedom University Of Technology and Applied Sciences*

Jan 2024

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## PUBLIC SERVICE AND VOLUNTEER EXPERIENCE

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Yisson Tech Hub / Ghana 2016 - 2018  
*Breaking the gap of technology in the northern part of Ghana*

Community Bridge Africa 2024 - Currently  
*Community development initiatives, which aims at promoting education, digital literacy and youth empowerment*

Tomorrow's Africa Alliance Sep 28,2024  
*This event focused on empowering and uniting future African leaders. Contributed through active engagement, idea sharing, and networking to support the mission of fostering leadership, innovation, and collaboration across the continent.*

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## SKILLS

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**Computer Skills:** Programming in python, Web Technologies, UI/UX Design, Microsoft Office Suit.  
**Languages:** English (Native Proficiency), Dagaare (Native Proficiency),

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## PROFICIENT RESEARCH TOOL

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**Project Management and Collaboration:** Github, Google workspace.  
**Development Tools:** Vs Code, Pycharm, CodeBlocks  
**Research Management:** ResearchGate, Google Scholar

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## REFERENCES

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**Professor Mohammed Ibrahim Daabo**, Director, Institute of Computing of Continuos and Distance Education,  
CK Tedom University of Technology and Applied Sciences  
Email: idaabo@cktutas.edu.gh, Tel: +233 (243) 51 6871

**Professor Edem Bankass**, Vice Dean, School of Computing and Information Sciences  
Email: ebankas@cktutas.edu.gh

**Phipip Bemere**, Head of Infomation and Communication Technology, St Louis Educational Complex  
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