

Alipio Burobe Ebenezer

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EDUCATION

CK Tedam University Of Science and Technology

Bachelor of Science, Computer Science, Second Class Upper Honours

November 2025

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 Tedam 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

SCHOLARSHIPS AND AWARDS

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

Jan 2024

PUBLIC SERVICE AND VOLUNTEER EXPERIENCE

Yisson Tech Hub / Ghana <i>Breaking the gap of technology in the northern part of Ghana</i>	2016 - 2018
Community Bridge Africa <i>Community development initiatives, which aims at promoting education, digital literacy and youth empowerment</i>	2024 - Currently
Tomorrow's Africa Alliance <i>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.</i>	Sep 28,2024

SKILLS

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

PROFICIENT RESEARCH TOOL

Project Management and Collaboration: Github, Google workspace.

Development Tools: Vs Code, Pycharm, CodeBlocks

Research Management: ResearchGate, Google Scholar

REFERENCES

Professor Mohammed Ibrahim Daabo, Director, Institute of Computing of Continuos and Distance Education,
CK Tedam 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 Infromation and Communication Technology, St Louis Educational Complex
Email: pbemere@gmail.com, Tel: +233 (206) 31 1276