DOMINIC NJANGNABE

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Nungua – Freedom Road BB114, Accra, Ghana

EDUCATION

University of Cape Coast (UCC), Ghana   **10/2022 – Present**

Bachelor of Science (Information Technology) – October 2026

Research and Presentation, Dominic Njangnabe and Bright   **03/2025**

Database design and its normalisation. Internship presentation at the E-learning and Knowledge Management Session, UCC, Ghana.

WORK EXPERIENCE

Software Management Intern, Electricity Company of Ghana (ECG), Tema Regional Office. 09/2024

Supervisor: Mrs. Martha Dapaah – IT Support Unit, ECG, Tema Regional Office.

- I used the Forti Token Activation Code to activate the Forti Token Mobile App on the device using TeamViewer.
- I fixed network issues and hardware issues.
- I managed and troubleshooted software, and installed OS

Database Design Intern, E-Learning and Knowledge Management Session, UCC, Ghana.   03/2025

Supervisor: Mr. Clemence Ayekple – E-Learning and Knowledge Management Session, UCC.

- I demonstrated database design and normal forms.
- I demonstrated how to create a website from scratch and link the forms within the website to the database using PHP.
- I created a virtual machine and installed the Windows operating system and SQL Server on the virtual machine, for SQL queries.

ACHIEVEMENTS

Winner, Waste to Wealth Hackathon, University of Cape Coast (UCC)   **06/2025**

- Led Team Trashformers to first place by developing the Smart Borla System, an AI-powered, solar-operated waste segregation bin to convert waste into economic opportunities.
- Implemented IoT for real-time monitoring and automated waste segregation.

NON-DEGREE EDUCATION/CERTIFICATE

- **Certificate of Achievement, Waste to Wealth Hackathon (University of Cape Coast) 06/2025**
- *National Program on Technology-Enhanced Learning*: Advanced Diploma in Database Systems (Alison)   **05/2025**
- *Microsoft Virtual Academy*: Diploma in Databases and T-SQL (Alison)   **07/2024**

- ***Google Developers Launchpad:*** Python Advanced Certificate Course (Programming Hub) **05/2024**
- ***Great Learning Academy***: Java Programming (Great Learning)   **04/2024**
- ***Google Developers Launchpad***: C++ Advanced Certificate Course (Programming Hub)   **03/2024**
- ***Saylor Academy:*** Introduction to Modern Database Systems (Saylor)

LEADERSHIP/VOLUNTEERING

- ***Volunteer***: Campus I.T. Support – UCC, Cape Coast, Ghana.   **04/2025 - Present**
- ***Web Technology Group 19 Leader***: I have led a team of seven (7) to successfully complete a car rental company website project using PHP.   **11/2024 – 03/2025**
- ***Programming and Problem-Solving Analysis Group 8 Leader***: I have led a group of six (6) to the successful completion Tic Tac Toe game project using C++.   **04/2024 – 08/2024**

TECHNICAL/LANGUAGE SKILLS

- ***Productivity and Collaboration tools***: Microsoft Office Suite (Word, Excel, PowerPoint, Access, and Teams), GitHub, Visual Studio Code.
- ***Programming Languages***: C++, Java, Python, PHP and JavaScript.
- ***Database Management***: SQL, NoSQL and Database systems (MySQL, Oracle, Microsoft SQL Server and PostgreSQL).
- ***Data Analysis***: Statistics, Python, Tableau, Power BI, Excel and SQL
- ***Problem Solving***: Troubleshooting skills, Activation, OS installation and upgrade.
- ***Web Development***: HTML and CSS.
- ***English Language***: Proficient in knowledge or written and spoken English.