

COLE BAIDOO

House No. 11 Agbogba | Accra, Ghana | 0503848404 | jdotcole233@gmail.com

LinkedIn Profile - www.linkedin.com/in/cole-baidoo-9326b2192/

EDUCATION

KNUST MSc Cyber security and digital forensics.

Relevant Modules: *Python Security Programming, Secure Infrastructure Design, Cloud Architecture, Information Security, Digital Forensics (1 & 2), Application Security, Operating System Security, Cryptography*

Palo Alto Cyber Security Certification August 2019

Relevant Courses *Design Principles, Security operating platform And Firewall technology, Cryptography, PKI and Certificate Protection, Advanced Endpoint Protection, Threat Prevention and Intelligence, Mobile/Cloud Security*

English Language (IELTS) January 2020

Relevant Modules *Reading, Writing, Speaking, Listening*

Lancaster University (Ghana Campus) BSc (Hons) Computer Science: **1st Class**

Relevant Modules *Fundamentals of computer science, Software Development, Information systems, Digital systems, Understanding Psychology, Databases, Computer Networks, Software Design, Social, Ethical and Professional Issues in Computing, Operating Systems, Advanced Programming, Distributed Systems, Languages and Compilation, Artificial Intelligence, Embedded Systems, Security and Risk*

English Language (IELTS) October 2015 Relevant Modules *Reading, Writing, Speaking, Listening*

Ofori Panin Senior High School 2008 – 2012 Course: *Physics, Chemistry, Elective Mathematics, Agriculture, Core Mathematics, English, Social, Integrated Science*

WORK EXPERIENCE

Africa Leadership International (Technical Mentor) **2022 - 2023:** My job was to provide technical assistance and guidance to over 300K+ aspiring software engineers through answering slack queries, hosting live coding sessions, live learning sessions, walk sessions and one on one meetings.

Smart Sales (Full stack developer) **2022 - 2023:** Designed, developed and implemented a web application to digitize operations of USAID support project; Mobilizing finance in Agriculture (MFA). which aims to support over 2000+ farmers, 30 banks and numerous agents. The application increased work performance by 40% which covered all manual interactions between stakeholders.

Development stack: Laravel and Livewire, JavaScript, Tailwindcss, Postgres SQL

Comfy Technology (Full stack developer) **2019 – 2022** Worked as a full stack developer to build a comprehensive system for the insurance and reinsurance industry, which serves 90% of reinsurance brokers and helps to generate annual revenue of over \$3 Million cumulatively.

Development stack: React, JavaScript, PHP (Laravel), SQL, Tailwindcss and GraphQL

Lancaster University Ghana (Graduate Teaching Assistant) **October 2019 - June 1st 2020** I provided academic assistance to both students and lecturers in modules such as Security and Risk, Software Development, Advanced programming, Advance Internet Application Engineering, Computer Science group project, Final Year Project, Social Ethical and Professional Issues, Operating Systems.

Languages Taught: C, Python, JavaScript, Erlang (Elixir)

DeliPack (Full stack developer) **June 2019 – January 2020** A startup with the aim to provide technological solutions to finding motor delivery guys. The software was designed to operate like uber or bolt but for motor delivery companies. Designed and developed the web portal, Android application, and iOS application.

Development stack: HTML, CSS, PHP (Laravel), JavaScript, Java, Swift

Ton Tracker (Full stack developer) **August 2018** Designed a solution to solve challenges faced by cashew farmers, farmgate buyers and Cashew companies. I designed and implemented a database, Android application, Web portal And USSD solution.

Development stack: HTML, CSS, PHP (Laravel), JavaScript

VOCOA (Full stack developer) **June 2017 – April 2019** Designed and developed the user interface for the company dashboard. I also worked with a colleague to create the database.

Development stack: HTML, CSS, PHP (Laravel), JavaScript

ADJUMA (Backend developer) – Extension to VOOA (Developer and research assistant) **January 2017 – April 2019** Researched the needs of cocoa farmers and how the VOCOA system can be further Extended to provide better assistance to cocoa farmers. I further lead a team of 4 people through communication and coordination to organise an event for the ADJUMA program. I designed and implemented the database for the ADJUMA system.

Firmus Advisory (Full stack developer) **December 2017 - March 2018** Automated the company operation by designing and implementing a flexible database Also, designed and developed the front-end and back-end logic.

Development stack: HTML, CSS, PHP (Laravel), JavaScript

AWARDS/ACHIEVEMENTS AND LEADERSHIP

Academic Excellence – LUG, Foundation **October 2015 – June 2016** Project Manager/Leader – LUG, Foundation **October 2015 – June 2016** Academic Excellence – LUG, Undergraduate **October 2016 – June 2017** Academic Excellence – LUG, Undergraduate **October 2017 – June 2018** Project manager – Computer Science Society **October 2016 – October 2018**

Best Solution Award – Peace Corps Hackathon **August 2nd-5th 2018** Bright Tech Star, Tech in Ghana Conference **November 2018** Africode community Mentor **August 2019** Founder, DeliPack **June 2019 – January 2020**

CO-CURRICULAR ACTIVITIES

Renovation of Korle-Bu child abuse ward May 2016 Worked in a team of 5 to raise funds as part of our project management class to give back to the community. We utilized the funds to renovate the child abuse ward at Korle Bu.

Music player for children with Cerebral Palsy April 2017

In an effort to help improve the fine motor skills of children suffering from cerebral palsy We designed a mobile application and an appropriate gear, which can be utilized by said the child to help enhance the fine motor skills.

GogoBus Web and Mobile application October 2017 – October 2018 As part of the 2nd-year project, I worked with a team of 5 to develop a mobile application aimed To solve the bus problems in Ghana.

Other skills and interests

Software: Microsoft Office (Word, Excel, Access, PowerPoint), Apple macOS, Linux OS, Windows OS, FileZilla, SSH, Git, Adobe XD, Google Suit, XCode, JetBrains, Firebase.

Proficient: Java, C, Python, JavaScript, PHP, HTML, React, Swift, GraphQL, SQL, PostgreSQL

Prior Experience: Erlang/Elixir, Assembly, Unity Game Development Engine, C#, C++, MongoDB,

Languages: English (Fluent), Twi, Fante

Sports: Swimming, Football, Martial Arts