



CLEMENT NARTHEY

Full-stack developer, Machine Learning Enthusiast.

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Profile

I am a self-motivated and competent Software engineer and Machine Learning Enthusiast with over 3 years of experience who is well-versed in RESTful APIs, web & mobile applications development, integration and service delivery. I have written highly efficient code for software used in various projects and systems.

Skills

Programming Languages:

PHP, SQL, Python, Javascript, Dart, Java, C/C++

Libraries & Frameworks:

Lumen, React, Flask, Django, Flutter

Databases:

MySQL, PostgreSQL, Oracle

Tools & Platforms:

Linux, MATLAB, Google Colab, Git, Heroku, GCP, CI/CD, Docker

Languages

English - Fluent

German - Basic

Competitions

Infineon Hackathon (Innovation Congress – Nov. 2019)

Participated in the Blockchain Track of the Hackathon - Built a logistics app to track Fresh foods (fruits and vegetables) showing customers timestamps from harvesting phase to sale point.

Strengths

- Oral and Written Communication
- Reliable and Consistent
- Committed to life long learning
- Team Building and Respect for Deadlines

Work experience

Feb. 2018 - Software Developer

Mar. 2018 AlloyBlue Ltd., Kumasi

I worked in a team of experienced developers on a project to build the Website and Shareholder Information Management System for [Sekyedumase Rural Bank Ltd.](#)

Sep. 2017 - Teaching Assistant - Department of Computer Eng.

July 2018 Kwame Nkrumah' University of Science and Technology, Kumasi

Tutored undergraduate students in Secure Network Communications, Software Engineering, Microprocessors and Assembly Language and Information Theory Concepts.

Projects:

Lecturer-Exam Invigilation System: Built a system being used currently by the College of Engineering (KNUST) internally to help the accounts department to calculate the exam invigilation allowance as well as snack allowance for each lecturer; based on the number of exam invigilation hours carried out.

June 2016 - Intern - Management Informations Systems

Aug. 2016 Volta River Authority - Akosombo, Ghana

Fixed the day-to-day basic IT problems of staff. Troubleshooting and solving basic software, hardware and network issues.

June 2015 - Software Engineering Intern

July 2015

Ghana-India Kofi Annan Centre of Excellence in ICT

I was tasked with my team to investigate the flaws of The Ghana Integrated Financial Management Information System(GIFMIS) and propose solutions to the various problem. We built a prototype to show improvements.

May 2014 - Intern - Management Informations Systems

June 2014 Volta River Authority - Akosombo, Ghana

I worked in the Client Services Department. I helped to fix the day-to-day basic IT problems of staff. Troubleshooting and solving basic software, hardware and network issues.

Education

2019 - Present MSc. Spatial Information Management

FACHHOCHSCHULE KÄRNTEN, Villach

Courses: GeoData Integration (with Machine Learning), Advanced GIS&T (Python Scripting), Mobile GIS, UI Design, Spatio-Temporal Databases (Postgresql), Data Mining

Projects:

Usability Testing for StylePot Demo Website: The usability test was conducted on two products made by The Stylepot Group i.e. the new [Stylepot Website](#) and A new online [fashion web application \(DemoShop\)](#). The results were provided as a report to Stylepot Group for further improvement of the UI and overall user experience.

2018 - MPhil. in Computer Engineering

2020 (Nov.)

Kwame Nkrumah University of Science and Technology, Kumasi

Courses: Advanced Computer Architecture, Research Methods, Digital Signal Processing, Broadband Communications

2013 - 2017 BSc. in Computer Engineering (1st Class Honors)

Kwame Nkrumah University of Science and Technology, Kumasi

Courses: Data Structures & Algorithms, Computer Architecture, Distributed Systems Design, OOP, Computer Graphics, Statistics & Probability, Databases.

Hobbies & Interests

Football, Basketball, Cooking, Reading Books, Playing the acoustic guitar

Leadership

Trade and Industry Fair Chairman - College of Engineering (KNUST), Oct. 2016 - Jan. 2017:

Organised and coordinated the teams from the various department of the College to setup and get their projects running for the Trade and Industry Fair (TraTech). I also organised and planned the budgets needed for the various projects.

Volunteering

Javascript Programming Classes for Freshmen (Oct. 2015 -Dec. 2015) - Organised free classes for Freshmen to introduce them to the Javascript Programming Language.