

OSEI FRIMPONG KWABENA HAROLD

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EDUCATION

Kwame Nkrumah University of Science and Technology

Bachelor of Science, Civil Engineering **October 2018 - December, 2022 Academic**

Standing: Second Upper (CGPA 3.33/4.0)

Relevant Courses: Computer Programming, Computer Aided Design, Reinforced Concrete Design, Transportation Engineering,

Thesis: joint shear strength prediction using artificial neural network Algorithm.

RESEARCH INTEREST

Transportation planning and Pavement Design

RESEARCH EXPERIENCE

Undergraduate Researcher May 2022 – September 2022

Studied factors affecting and predicted joint shear strength in beams and columns using artificial neural networks.

PROJECTS / ACHIEVEMENTS / AWARDS

- Awarded Frontend web development with React, coursera certificate
- Awarded C for Everyone: Programming fundamentals, coursera certificate
- Awarded Crash course on Python, coursera certificate
- Awarded Programming with Everybody Getting Started with Python Certificate, University of Michigan, Cousera

July, 2020

July, 2022

March, 2022 August 2020

- Awarded Microsoft Office Specialist in Office Word 2013 **March, 2017**
- Awarded third best in ICT, Saint Augustine's College **March, 2017**

WORK EXPERIENCE

Intern, Electricity Company of Ghana, Kumasi July 2019 – August -2019

- Regular site inspection

Intern, Ghana Highway Authority, Kumasi October 2020-December 2020

- Conducted field and laboratory tests on soil samples.
- Personally developed a software to make calculations and graphical visualization easier.

Intern, Pretty Ups Company Limited, Ashanti Region October 2021- November 2021

- Aided in road construction along the Kofiase-Anyinasu Road
- Personally developed a levelling android software to make calculations easier as well as save time and energy.

National Service Personnel at Softmasters, Accra October 2022 - Date

- Full Stack website development with node js and react js
- Mobile development with react-native

SKILLS AND INTERESTS

- Proficient in Python(djangorestframework,django,opencv,tkinter,kivy/md),
- Proficient in next.js, node.js,reactnative,react.js,flutter, vanilla javascript
- Proficient in Php, Html and CSS, Bootstrap, Matlab,programming
- Proficient in C++ programming, C programming
- Proficient in Protastructure,Epanet Autocad Civil3d, AutoCAD
- Proficient in Word,Excel,Access,Powerpoint

HOBBIES

- Backend and Frontend development with python(Django and React respectively).
- Mobile development with python(Kivy/kivymd and flutter).
- Reading about the latest technologies in Programming