

## CURRICULUM VITAE OF JOE-SAM NKUAH

### JOE-SAM NKUAH

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#### Personal

- **Date and Place of Birth:** 1992/08/21, Ghana
- **Nationality:** Ghana
- **Gender:** Male
- **Marital status:** Single

#### Work and Research Experience

March 2020 –December 2020      UNCLE TOM GAS, P.O. Box SK 581, Sakumono, Tema, Ghana.

*Job title: Environmental Engineer*

Summary of roles: investigating soil and groundwater and the required remediation at company facilities and legacy sites, deploying environmental procedures and standards that address regulatory requirements and Company policies, Administering, monitoring and reporting as required by the environmental regulations and permits.

July 2017 – January 2018      FAS Consult Limited, P. O. Box GP 17494 Accra, Ghana.

*Job title: Site Inspection Team Member*

Summary of roles: foundation installation inspection, earthworks quality control, pile driving and installation, sub-grade inspection, pavement distress inspection, inspection on foundation damages, construction of bridge piers, pile caps, abutment walls and mechanically stabilized earth walls (MSE).

July 2015 - October 2015 Midwest Contract Works Limited, P. O. Box YK 1431 Accra, Ghana.

*Job title: Materials Laboratory Assistance (Internship)*

Summary of roles: Mix Design Preparation, carrying the following tests on concrete, specific gravity test, sieve analysis test, slump test, air content test, compressive strength test, split tensile strength test, flexural strength test, permeation tests, XRD test.

#### Teaching Experience

2012 – 2013      Dieter Rotzel School, Sefwi Boako, Ghana

*Information Communication Technology Tutor for Junior High School form1 to 3.*

*Summary of course content:* Basic knowledge of computer systems, operating systems, internet, communication and networking, word processing, image processing etc. Teaching was carried out by accurate lesson notes preparation, presentations in class, and preparation of Student Report to Headmaster.

#### Education

2017 – 2019      Masters of Technology Structural Engineering, (First Class Honours)

RIMT University, Mandi Gobindgarh, Punjab -147301, India

Overall best structural Engineering student 2019.

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2013 – 2017 Bachelor of Science Civil Engineering.  
Central University, P. O. Box 2305, Tema - Accra, Ghana

2008 – 2012 General Science (West Africa Secondary School Certificate)  
Osei Tutu Senior High School, P. M. B 75, Akropong Ashanti, Ghana

## Professional Memberships

- Graduate Member, Ghana Institute of Engineers (2017)

## Honors and Awards

- Best structural Engineering student, *Academic Board, RIMT University* (2019)
- Best Integrated Infrastructure Project Engineer, *Central University* (2016)

## Research Activities

### 1. Peer-reviewed publications

- Joesam Nkuah, *Self-Healing Development and Performance Assessment of Bio Cementitious Concrete*, International Journal of Scientific Technology Research (Scopus index journal ([www.ijstr.org](http://www.ijstr.org))), Volume 9 - Issue 2 February Edition 2020. (M.Tech Thesis work)
- Joesam Nkuah, *Effects of Curing Methods Used in Ghana on the Compressive Strength of Concrete*, Department of Civil Engineering, Central University Publication 2017 Edition ([www.cu.edu.gh/libray](http://www.cu.edu.gh/libray)). (BSc. Thesis work)

### 2. Invited talks and oral presentations

- *Engineers Day*, RIMT University Auditorium, 2019
- *Civil Engineering Student Conference*, Conference Centre, 2016

### 3. Other research activities

- *Kwame Nkrumah Circle Interchange Project* by Ghana Urban Roads and FAS Consult, 2014.

I assisted in a lot of laboratory tests for the geological survey research that aided the construction of circle interchange and drains project.

## Other Activities and Remarks

National competitions: 2013 Sprite Basketball, University Association of Ghana, 3<sup>rd</sup> position.

## Funding Plan

I look forward to obtain a scholarship to fund my tuition but living expenses would be self-funded.

## Referees

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Lecturer

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