Eric Joshua Nyato

Urban & Infra Business Unit

Con-Tech Business Developer

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Personal information

Name	Eric Joshua Nyato
Date of Birth	04th July 1997
Nationality	Tanzania

Education

Chung-Ang University
Seoul, South Korea
Sep 2022 - Jul 2024

Master of Civil engineering,
Construction Project management
Grade: 4.3/4.5GPA

Wuhan University of Technology
Wuhan, China
Sep 2016 - Jul 2020

Bachelor of Civil engineering
Grade: 3.35/4 GPA

Academic achievement

Journal Paper
First author (under-review)

Tittle - Integrated zero-knowledge proof and blockchain system for privacy-preserving near-miss reporting in construction projects
- Automation in Construction (Journal)

Conference Paper
First author (To be presented)

Tittle - A Conceptual Blockchain and Token-Incentive Approach for Near Miss Reporting in Construction
- International Conference on Construction Engineering and Project Management - ICCEPM, 2024

Conference Paper
Co-author

Tittle - Understanding the Role of Inter-Individual Variability in Fatigue Monitoring of Construction Workers
- International Conference on Construction Engineering and Project Management - ICCEPM, 2024

Excellent Graduate
2nd Prize

Awarded Excellent Graduate Certificate for finishing second in class during Bachelor's degree in Civil Engineering

Experience

Construction innovation technology Lab (ContiLab)
Chung-Ang University, Seoul
Sep 2022 - Present

Research Lab: Focuses on advancing construction project management through emerging technologies such as AI, Blockchain, VR/AR, BIM, IoT etc.

- My research focuses on integrating blockchain technology into construction safety, training and management processes.
- http://en.contilab.co.kr/our-team/

Yooshin Engineering Co.
Dar es salaam, Tanzania
Jan 2021 - July 2021

Graduate Engineer Trainee: New Selander Bridge project in Tanzania, managed by GS Engineering & Construction and Yooshin Engineering Corp. as the consultant

- Site Supervision · Quality & Safety control · Construction Planning

Project

zk-NMRs
co-developer
Sep 2023 - Feb 2023

Zero-knowledge near-miss reporting system

- A decentralized web application using blockchain and zero-knowledge proof technology to ensure construction site workers' anonymity when reporting near-misses and accidents during projects.

Skills

Programming	Civil Engineering	Soft skills
JavaScript	AutoCAD	Academic writing
TypeScript	Primavera	Team-work
HTML5/CSS	Microsoft excel	Communication
React	Microsoft office (word, PowerPoint)	Adaptability
Solidity		Problem solving
Git		

Language skills

Swahili	Native speaker
English	Fluent / TOEIC 885
Korean	Topik 4
Chinese	HSK Level 4 (Chinese Proficiency Exam- 2019)