

CHRISTOPHER KOLADE ALEGBELEYE

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Objectives: A goal-oriented and result-driven professional with intricate professional skills in project management, construction engineering and management, real estate investment, investment banking and financial operations, data analysis, risk analysis and supply chain operations. I am intelligent and my multidisciplinary experiences has equipped me with the skills, perspectives, and insights required to excel in achieving corporate goals and organizational objectives.

Education

University of Delaware – Newark, DE, USA

Aug 2023 – Present

Doctor of Philosophy (PhD) in Civil Engineering; Concentration in Civil Infrastructure Systems

Key Courses: Risk Analysis and modelling, Convex Optimization; GIS, Data Science.

Poznan University of Technology, Poland,

Feb 2021 – Sept 2022

Master of Science (Msc) in Civil Engineering; Concentration in Construction Engineering and Management

Grade: Distinction (4.83/5.00)

Key Courses: Construction Engineering, Energy Tech. in Buildings, Mathematics, R-programming, Building information modelling, Energy and Environmental Sustainability.

Federal University of Technology Akure, Nigeria

Nov 2012 – Dec 2017

Bachelor of Technology (BTech) in Building Engineering; GPA: 4.74/5.00

Key Courses: Building Technology, Building Services Design, Mathematics, Building and Environmental Science, Building information modelling, Construction Budgeting and Finance.

Research Experience

Coastal Hazards, Equity, Economic Prosperity & Resilience Hub. [Graduate Research Project]. **University of Delaware**

- I aim to seamlessly integrate these models to advance research objectives focused on equity, economic prosperity, and resilience in the face of Coastal Hazards.

Energy Efficient Building with integrated hybrid renewable energy system and garage for electric car. [Master's thesis, 2022], **Poznan University of Technology**.

- Inspected 2 buildings that utilize the solar renewable energy system; designed and analyzed factors in the building envelope to enhance energy efficiency in the buildings with the aid of standard utilization factors, building envelope parameters, energy formula modelled into excel.
- Analyzed the primary and final energy for heating and cooling for different design variants by improving on building envelope parameters to compare the results.
- Examined and carried a survey on factors influencing adoption of hybrid renewable energy systems and also taking into consideration garage for electric cars.
- Used DesignPh as a plugin with sketch up to design and compare the primary and final energy for heating and cooling and suggestions to improve the building.

Evaluation of Building Energy Use in South Western Nigeria. [Undergraduate Project, 2017]. **Federal University of Technology Akure.**

- Carried out building energy audits on forty buildings in the study area considering sources of energy losses in the building façade using air blower technique.
- Examined the energy needs of the building users and using HVAC principle, designed the average cooling load in relation to area of space to cool.
- Examined the factors influencing the adopting of energy saving opportunities in the study area.

I. Awontunde, P. O Akanni, J. Adetooto, T. Adelerin, C. Alegbeleye, “Assessment of suitability of molten plastic and sawdust mixture for the production of light weight composite building materials”; Nelson Mandela University Department of Construction Management 50th Anniversary Conference ‘The Next 50 Years’, 2021, Pg 187-194, ISBN: 978-1-928472-51-3.

T. Adelerin, P. O Akanni, J. Adetooto, I. Awontunde, C. Alegbeleye “Assessment of competence of Nigeria indigenous contactors in handling large scale construction projects” Nelson Mandela University Department of Construction Management 50th Anniversary Conference ‘The Next 50 Years’, 2021, Pg 195-204, ISBN: 978-1-928472-51-3.

Work Experience.

Research Assistant; [CHEER HUB](#), University of Delaware, USA.

Aug 2023 – Present

Responsibilities: Working collaboratively in interdisciplinary teams, my focus lies in developing risk models for predicting hurricane damage and loss to buildings. Utilizing Python, geospatial software, and risk modeling techniques, I aim to seamlessly integrate these models to advance research objectives focused on equity, economic prosperity, and resilience in the face of Coastal Hazards.

Supply Chain Planning Specialist; [Procter & Gamble](#), Warsaw, Poland.

Aug 2022 – Aug 2023

Responsibilities: Was directly responsible for planning and coordinating areas of material supply and demand planning. Was responsible for risk analysis and management for a portfolio of 440+ product codes and providing root cause assessment for business operations. Performed data analysis on inventory, forecast and consumption to meet the service needs and market trends and as well implement key improvements. Engaged in projects to meet business needs and executed operational work related to various systems such as SAP, Business intelligent tools and other internal platform.

TA Operations Representative; [Franklin Templeton Investments](#), Poznan, Poland

Aug 2021 – July 2022

TA Operations Representative, [Fidelity Information Services](#), Poland (Merger)

Mar 2022 – July 2022

Responsibilities: Responsible for processing financial transactions ensuring they conform with Global Shareholder Services US Operations policies. Executed various financial operations with varied scope and complexity, transfers, liquidations, risk assessment ensuring they conform to internal standards and US states specific requirements. I worked on multiple applications and technological solutions to complete daily tasks, ensured quality service in account maintenance and transactions processing according to client instructions, took part in team-based activities such as team meetings, various group projects and initiatives towards business goals.

Business English Language Instructor, [Świat języków obcych Da Gama](#), Poznań, Poland.

Apr 2021 – Mar 2022

Responsibilities: (Part Time) Coordinated online classroom activities with adults (up to C1 English Lang.), prepared lesson plans and examinations, helped students to improve their communication skills, spoken English, vocabulary and confidence in public speaking through several resources.

Construction Engineer & Manager, [Carrillion Ltd](#), Lagos, Nigeria. (Full time)

Dec 2017 – Nov 2020

Construction Engineer & Manager, [Carrillion Ltd](#), Lagos, Nigeria. (Intern)

Apr 2016 – Dec 2016

Responsibilities: Was directly responsible for Building Production Management, managing, coordinating, controlling and planning all human material resources and operations towards the project goals, Setting out of building and components from all design documents, took physical measurements and inspections to ensure quality standards, prepared Work schedules and Execution Management plans, prepared Financial Statements (Trial Balance Sheets), reports and work progress reports, was a point of communication between the design, production and other stakeholders associated with the project, overall human and materials resource management onsite.

KYC Agent, Airtel Nigeria Networking Corporation, Lagos, Nigeria. (Ad hoc)

Jun 2013 - Dec 2013

Responsibilities: Electronic Data capturing of customers on the airtel network; risk assessment, data management and validation of customers, promotion of the products of the organization to customer.

Training

University of Silesia, Katowice, Poland.

Oct 2020 – Feb 2021

Polish language, culture and history. (A1 level- Bardzo Dobry)

British Project Management Academy, Novelle, Ikeja, Lagos

Apr – Jul, 2019

Professional training on project management and total quality management.

British International Safety Organization, Novelle, Ikeja, Lagos

Apr – July, 2018

Professional training on health and safety at work place, risk assessment and environmental impact assessment, basic first aid environmental impact awareness.

Academic Awards and Prizes

Dean List Award Placement; 5 sessions in School of Environmental Technology, Federal University of Technology, Akure (2012-2017)

Recipient of overall Best student in Building Department and School of Environmental Technology; Federal University of Technology, Akure. (2016/2017)

Recipient of Gold medalist in Chess; School of Environmental technology, Federal University of Technology Akure. [2015&2016]

Award of Participation, Breeders mathematics quiz, Federal University of Technology Akure, [2014]

Recipient of overall Best student in Further Mathematics, Physics & Technical Science; Federal Government College, Ikirun (2010)

Personal Skills and Competencies

- Proficiency skills in Microsoft Office (Inc. Excel, Power Point), Microsoft Project, Microsoft Planner, Microsoft ToDo, Robot Structure, Abaqus, AutoCad, Revit, Orion, R Programming, and basic knowledge of SQL, Python, Power BI, Power Automate.
- Technical skills in building engineering, construction management, interior designs and engineering and as well IT skills in preparing necessary documents.
- Ability to organize and coordinate activities, ability to work with minimum or no supervision, good communication skill, both written and oral and good team player.
- Capacity to lead, time management skill, meticulous attention to details, record keeping, diligent, patient and committed to tasks.

Leadership Positions Held

First Year Students Representative, African Graduate Students Association, University of Delaware (2023 – Present)

Financial Secretary and Treasurer, Department of Building Class 17 graduating set. (2012-2018)

Chief Whip: National Association of Building Students (2014/2015)

Chief Usher, Protocol and Logistics: Christ Apostolic Church Campus Fellowship (2015)

Chief Usher, Protocol and Logistics: Federal Government college chapel, Ikirun, Osun state. (2009 – 2011)

Public Relation Officer: Christ Apostolic Church Campus Fellowship (2013 – 2014)

Health and Sanitation Prefect Federal Government College Ikirun, Osun State. (2010-2011)

Hobbies:

Writing, Tourism, Researching, Board Games (Chess, Scrabbles, Puzzles), Sports, Blogging, Art viewing, Seeing Movies

"I consent to the processing of my personal data for the purposes of the recruitment process in accordance with Regulation (EU) 2016/679 of the European Parliament and of the Council of April 27, 2016 on the protection of individuals with regard to the processing of personal data and on the free movement of such data and repealing Directive 95/46 / EC (GDPR)"