

CHRISTOPHER KOLADE ALEGBELEYE

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EDUCATION

- ❖ **Poznan University of Technology, Poznan, Poland [Feb 2021 – Sept 2022]**
 - **Master of Science** in Civil Engineering (Construction Engineering and Management Spec.) with distinction (**4.83/5.00**) being part of top 3% of graduating set.
 - Undertook and wrote thesis on energy efficient buildings with integrated hybrid renewable energy systems and garage for electric car.
 - Undertook modules on energy technology in buildings, multi energy systems, renewable energy, energy performance and energy efficiency, building information modelling and energy simulation, lifecycle assessment, and advance mathematics using R programming.
- ❖ **Federal University of Technology, Akure, Ondo State, Nigeria. [2012 – 2018]**
 - **Bachelor of Technology** in Building. Graduated with a First-Class Honors (**4.74/5.00**) as overall best student in the department and the faculty of Environmental technology.
 - Undertook and wrote a thesis on Evaluation of building energy use in South western Nigeria and carried out building energy audit on 40 buildings in southwestern Nigeria.
 - Undertook modules on HVAC designs, building services, heat transfer in buildings, thermodynamics, mathematical modelling and construction technology at large.

WORKING EXPERIENCE

- ❖ Business English Language Teacher (Part Time), [Świat języków obcych Da Gama](#), Poznań, Poland. (April 2021 – March 2022);
Responsibilities: Coordinated online classroom activities with adults (up to C1 English Lang.), prepared lesson plans and examinations, helped students to improve their communication skills and vocabulary and managed feedback sessions to monitor student's performance.
- ❖ Construction Engineer Intern Blue Blue OU. Poznan, Poland. [June 2021 – July 2021]
Responsibilities: I was responsible for construction planning and coordination of construction activities on site. Ensured on time delivery of all resources, and managed physical construction process onsite.
- ❖ Junior Builder and Construction Manager at [Carrillion Limited](#), Lekki, Lagos State, Nigeria. [November 2017 – November 2020].

Responsibilities: I was directly responsible for the building production management of construction projects, design and operation of working plans, preparation of required site documents according to building design and specifications requirements, coordinating, controlling and managing all human and material resources towards project goal; building services coordination, entire project management and reporting, coordinating with design team and construction team.

RESEARCH EXPERIENCE.

- ❖ 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.

PERSONAL SKILLS AND COMPETENCIES

- Proficiency skills in AutoCad, Revit, Orion, Microsoft Office, MS Project, Sketch Up, R Studio, and basic level of Python, SQL.
- Technical skills in building production management and engineering as well as preparation of related documents.
- Ability to organize and coordinate activities, ability to work with minimum or no supervision, good communication skill and good team player.
- Capacity to lead, time management skill, ready and willing to carry on work in any work condition.

PROFESSIONAL TRAINING

- ❖ **British Project Management Academy, Novelle, Ikeja, Lagos, [April – July, 2019]**
 - Professional training on project management and total quality management
- ❖ **British International Safety Organization, Novelle Ikeja, Lagos [April – 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

The Lukasiewicz Scholarship Program – NAWA, 2020 Polish National Agency for Academic Exchange, Poland.

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

Recipient of overall Best student in Department of Building 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)

LEADERSHIP POSITIONS HELD

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

Chief Whip: National Association of Building Students, School of Environmental Technology (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)

Chairman Planning committee: Christ Apostolic Church Campus Fellowship, Class 17 graduating set.

Committee member: FUTA Class 17 graduating set.