

# PETER OLUWAFEMI ADEWUYI

Oyo State, Nigeria | [adewuyipeter878@gmail.com](mailto:adewuyipeter878@gmail.com) | [LinkedIn](#) | [GitHub](#)

## EDUCATION

### Obafemi Awolowo University, Ile-Ife, Osun State, Nigeria

Bachelor of Science, Quantity Surveying

Graduation Date: September, 2024

Grade: [First Class \(Honour\)](#) (CGPA [4.57/5.00](#)) Class rank: Top 1%

## RESEARCH INTEREST

ML and AI in Construction, Smart and Sustainable Construction, Construction Health and Safety.

## RESEARCH EXPERIENCE

### Research Assistant,

Department of Quantity Surveying, Obafemi Awolowo University

Sept. 2024– Present

- Collaborated and performed a literature review, to synthesize key findings, identify research gaps, which was implemented for the development of research design and strategies appropriate for the study.
- Received training on creating clear and concise scientific writing skills (IMRD methodology), adherence to publication guidelines, and effective communication of research outcome.
- Received training on conducting effective systematic Literature following the PRISMA framework.
- Actively engaged in professional development opportunities, attended webinars to enhance skills in project management, communication and administrative support.

### Undergraduate Researcher,

Department of Quantity Surveying, Obafemi Awolowo University

Oct. 2023 – Sept. 2024

**Title of Research Project:** Assessment of Construction 4.0 Technologies for Sustainable Construction in Lagos State, Nigeria

**Supervisor:** Prof. Mrs Olubola Babalola

- Conducted an extensive literature review that informed the research direction and choice of research methodology.
- Designed and administered structured Google Form questionnaires to construction professionals who had experience using Construction 4.0 technologies for constructions, data accuracy through pilot testing and clear question framing was ensured.
- Conducted statistical analysis using SPSS on the data collected, which was cleaned and prepared using the MS Excel by recoding variables and correcting data entry errors, this improved the data accuracy to approximately 95% and the results was presented through well-structured statistical tables, enhancing clarity, interpretation, and overall reliability of the research findings.
- Presented the dissertation results to a three-member examination panel, a clear and engaging presentation was delivered which spurred constructive discussions on the findings and suggestions for further research was given.

## TEACHING EXPERIENCE

### Academic Tutors

National Association of Quantity Surveying Students

2021-2025

- Delivered tutorials to 40 fourth-year undergraduates on *Measurement of Mechanical and Electrical Services Installation* and *Bill of Quantities Preparation*, with over 80% of students demonstrating measurable improvement in coursework and practical assignments.
- Taught 20 second-year undergraduates *Introduction to Measurement of Building Works and Estimation*, equipping them with the essential skills that enhanced progression into advanced modules.
- Provided mentorship to two undergraduate students on research design and methodology, resulting in both producing comprehensive and approved undergraduate research proposals.

### Software Trainer

National Association of Quantity Surveying Students

April -May 2024

- Delivered hands-on training on Autodesk Revit, PlanSwift, Microsoft Excel, and Microsoft Project, successfully developing 10 beginners into mid-level proficient users.

- Strengthened participants' expertise by leading the preparation of a detailed Bill of Quantities and program of works for a 4-bedroom flat, equipping them with versatile skills in cost estimation and project scheduling.

## WORK EXPERIENCE

### ETTEH ARO AND PARTNERS CONSULTING ENGINEERS, IBADAN, NIGERIA

*Internship*

*February 2025- April 2025*

- Collaborated in Preparation of Project program of works (Gantt chart) for construction of a commercial projects thereby aiding easy tracking of project progress and timely delivery of the projects.
- Actively engaged in continuous professional development activities by engaging in seminars to enhance project management, communication and administrative skills.
- Delivered progress report in project meetings contributing to smooth progress of Work and effective project communication.

### COLLABORATIVE EFFORTWILL WORKS, IBADAN, NIGERIA

*Internship*

*February 2023- September 2023*

- Collaborated on the preparation of material schedules and bar bending schedules, facilitating timely procurement and ensuring uninterrupted project progress.
- Carried out market surveys on building material prices, delivering accurate cost information to strengthen vendor negotiations and procurement planning.
- Managed documentation and reporting of financial expenses, ensuring effective cost monitoring and control at the post-contract stage.

### 3D MODELLER

*2019-till date*

- Created 3D architectural models and renderings with SketchUp and Autodesk Revit, improving client visualization and decision-making on 2D designs.

## LEADERSHIP/VOLUNTEERING ACTIVITIES

### Volunteer,

*April 2025*

*Nigerian Red Cross Society, National Youth Service Corps Orientation Exercise, Anambra State*

- Participated in a youth orientation camp featuring military-style drills, where I supported Red Cross personnel in administering first aid care during training exercises.
- Received foundational training in First Aid, including bleeding control, fracture management, and basic life-saving techniques.
- Engaged in simulated emergency scenarios to practice rapid response, teamwork, and crisis management.

### Planning Committee member,

*Ife Built Environment summits IBES 1.0*

*March 2024-July 2024*

- Actively participated in the planning and coordination of an inter-departmental debate contest, fostering academic discourse and collaboration across disciplines.

### Academic Coordinator,

*Baptist Student Fellowship Mission Units*

*2021-2024*

- Facilitated group reading sessions to support and enhance the academic development of 15 members.
- Led the coordination of weekly evening tutoring programs for elementary and high school students in rural communities of Ile-Ife.
- Collaborated with a team to deliver outreach programs in rural areas, promoting community health and socio-economic development.

## CONFERENCE/ PROFESSIONAL TRIP

- **The Africa Future Leaders Summit 2025**

*Theme: Intellect, Impact, Influence 13<sup>th</sup> – 29<sup>th</sup> August 2025, Lagos, Nigeria.*

- **Ife Built Environment summits (IBES 1.0)**

*Theme: Sustainability: Repositioning the Nigeria Built Environment 19<sup>th</sup> – 24<sup>th</sup> May 2024, OAU, Ile-Ife, Nigeria.*

- **Nigeria Institute of Quantity Surveyors (NIQS) Young Professional Technical Symposium**

*Theme: Powering the Future of Quantity Surveying with a Century of Innovation — October 2024*

- **Nigeria Institutes of Quantity Surveyors (NIQS) Oyo State Chapter, Annual General Meetings and Workshop**

*Theme: Sustainable Infrastructural Management, September 2023*

- **COSTECH Annual Smart city Conference, | [Link](#)**

*Theme: AI in Construction, 2023*

## CERTIFICATION/PROFESSIONAL TRAINING/ONLINE COURSES || [Click here](#)

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- Advanced Research Writing and Publication Masterclass by GradePlus Africa. *May-June 2025*
- Smart Cities: Management of Smart Urban Infrastructures | via COUSERA *Mar. 2025*
- Machine Learning with Python | via COUSERA *Feb. 2025*
- Python for Data Science, AI and Development | via COUSERA *Nov. 2024*
- Arts and Science of Ethical Research (ANSWER) – Research Writing Bootcamp NIQS Young Quantity Surveyors Forum, Diaspora Special Group *June – Nov. 2022*
- Data Science for Everyone | via DataCamp *2022*

## HONOURS/AWARDS

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- Top 100 Africa Future Leader Award | Top 100 Africa Future Leader, 2025
- Overall best graduating student in Professional Practice and Procedure | *Consol Associate Prize*, OAU 2024
- Overall best graduating student in Measurement of Electrical and Mechanical Services Installation | *Mosobalaje A. Asupoto Prizes*, OAU 2024
- Overall best graduating student in the Computer Laboratory Workshop: Application of Quantity Surveying Software I and II | *Masterbill Microsystem Ltd. Prize*, OAU 2024
- Outstanding Tutor award; Award of excellence for contributing to the academic success of colleagues through felicitation of tutorials. | Imperial Class, OAU, 2024

## AFFILIATIONS

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\* Red Cross of Nigeria \* Nigeria Institute of Quantity Surveyors \* Data Science Nigeria AI+ Community, \* The Alternative Dispute Resolution Society, OAU

## SKILLS AND COMPETENCIES

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**Programming skills:** Python, SQL, Machine Learning **Modelling and Drafting:** AutoCAD, Autodesk Revit, SketchUp, **Construction Quantification and Scheduling:** Planswift, MS-Excel, MS – project, Autodesk Naviswork **Word processing:** Microsoft Office packages, Zotero

## REFEREES

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### **Prof. Olubola Babalola**

Professor, OAU, Ile-Ife, Nigeria

*bolalola@yahoo.co.uk*

### **Prof. J. O. Dada**

Professor, OAU, Ile-Ife, Nigeria

*debbjoe2002@yahoo.com; debbjoe@oauife.edu.ng*