Edward Chukwubuikem Obi-Rapu

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Education

Master of Science (M.S.) in Civil Engineering   *Expected, Dec 2024*
University of Florida, Gainesville, FL
Specialization: Sustainable Construction Engineering

Bachelor of Engineering (B.Eng.) in Civil Engineering   *2021*
University of Benin, Benin City, Nigeria

Research Interest

My research interest is exploring technology integration in construction.

Research Skills

- **Management Skills**: Project management, annual report writing, research methodology & design, Institutional Review Board clearance, participant recruitment
- **Technical Skills**: Qualitative data collection (interviewing, focus group coordination), qualitative data analysis (thematic analysis), quantitative data analysis, online survey design and programming (Qualtrics), data science (R)*, programming (Python).
- **Software**: Qualitative data analysis (Nvivo, Maxqda, Dedoose); statistical analysis (SPSS); BIM (Revit, Naviswork, for up to BIM level 5 or 5D BIM).

Academic Experience

Research Assistant   *Jan 2023 - Present*
Simmons Research Lab, University of Florida

- Assisted in executing research activities for an NSF-funded project, including workshops with construction workers and stakeholder engagement.
- Assisted in data collection and dissemination efforts.
- Assisted in developing visuals and materials to effectively communicate research findings to diverse audiences.

Awards

- UF Graduate Student Council Travel Grant   *2024*
  Awarded $ 400 but not utilized

Publications

Peer-Reviewed Conferences

- **Obi-Rapu, E. C.**, Simmons, D. R., (2024). "Rethinking Work in the Age of Robots: Insights from the Construction Industry" Proceedings for the 2024 IEEE Frontiers in Education Conference (FIE). [In print]

Membership

- Member, The Nigerian Society of Engineers (NSE)   *2022 - Present*
- Student Member, American Society of Civil Engineering   *2017 – Present*