

OLANIYI, ISMAILA ABIOLA

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EDUCATION

- Purdue University**, West Lafayette, IN *Aug 2021 – Present*
Master of Science in Civil Engineering (Geomatics) (SGPA: 3.47/4.0)
- University of Lagos**, Lagos, Nigeria *Oct 2014 – Nov 2018*
Bachelor of Science in Surveying and Geoinformatics (CGPA: 4.66/5.0)
- Federal School of Surveying**, Oyo, Nigeria *Oct 2011 – April 2014*
National Diploma in Surveying and Geoinformatics

PROFESSIONAL EXPERIENCE

- Purdue University, Lyles School of Civil Engineering, West Lafayette, IN, United States.**
Graduate Teaching Assistant, CE 203 – Principles and Practice of Geomatics *Aug 2021 - Present*
- Conducting Lab and field trainings for undergraduate students assigned to my weekly sessions.
 - Assisting the students in building competencies in ArcGIS Pro, Agisoft Metashape, and other geospatial tools.
 - Assessing undergraduate students' lab submissions and field training exercises.
- Georeal Build Limited, Lagos State, Nigeria**
Geomatics Engineer - Land Surveying, UAV Mapping and Construction works *May 2020 – Jul 2021*
- Successfully carried out survey projects for the company's clients.
 - Setting-out structural designs and as-built surveys on clients' construction sites.
 - Assisted in carrying out UAV mapping as well as processing the acquired datasets.
- Polaris Digitech Limited, Lagos State, Nigeria**
Geospatial Data Analyst (Intern) *Nov 2018 – Apr 2020*
- Assisted in field data collection projects, such as Google Street View, Eko electric facility mapping, etcetera.
 - Processed and uploaded electricity utility users' data into the clients' database.
 - Assisted in the vectorization of analog multicriteria Australian survey plans using Carlson IntelliCAD software.
 - Ensured that quality assurance checks were done on the plotted plans using some Python scripts.

TECHNICAL SKILLS AND CERTIFICATIONS

Software Literacy: ENVI software, ERDAS Imagine, Microsoft Office Suites, CADD packages, HYPACK, Surfer software, Google Earth Engine, ESRI ArcGIS, ArcGIS Earth, Pix4D Mapper, Adobe Suites, Agisoft Metashape, and Trimble Business Center.

Programming Skills: Python, MATLAB, R, and Web Programming.

Equipment Proficiency: Total stations, GNSS, DGPS, Level Instruments, Underground utility scanners, Mapping drones, Distomats, Echo sounders, and Handheld GPS.

Languages: Proficient in both spoken and written English and Arabic.

Certifications: Project Management Professional - 2019, Health, Safety and Environment Management (1 & 2) – 2019

PROFESSIONAL MEMBERSHIPS

- **Student Member**, American Society of Civil Engineers *2021 – Present*
- **Student Member**, Indiana Geographic Information Council *2021 – Present*
- **Individual Member**, International Society for Photogrammetry and Remote Sensing *2021 – Present*
- **Student Member**, American Society for Photogrammetry and Remote Sensing *2021 – Present*
- **Student Member**, Indiana Society of Professional Land Surveyors *2021 – Present*
- **Member**, EducationUSA Opportunity Funds Program *2020 – Present*
- **Member**, University of Lagos Alumni Society *2018 - Present*

HONORS AND AWARDS

- **Recipient**, Oyo Caucus Prize for best in Surveying Projects *2019*
- **Recipient**, University of Lagos Endowment Award Scholars Category *2014 - 2018*
- **Recipient**, Fugro Nigeria Limited Academic Excellence Scholarship *2017*