

# Myles Esun

437-776-8650 | Oshawa, ON, L1G 4W3 | [mylesesun@gmail.com](mailto:mylesesun@gmail.com)

## PROFILE SUMMARY

GIS Specialist and Data Analyst skilled in spatial analysis and statistical modeling. Expert in database management and scripting for GIS applications, and proficient in using Python for automation and data analysis. Holds a post-graduate degree in GIS and currently pursuing advanced studies in data analytics. Excels in leveraging geospatial insights and data-driven solutions to solve real-world challenges.

## SKILLS

- Applied comprehensive knowledge of ESRI technology (ArcGIS Pro and ArcGIS Online) to deliver detailed spatial analyses, interactive web maps, and comprehensive geographic visualizations
- Competent in cartography principles and design.
- Experienced in data collection, preprocessing, and management.
- Proficient in Python, HTML, CSS, SQL, and GIS applications for data manipulation and spatial data management.
- Skilled in machine learning and quality assurance techniques for analysis.
- Sound knowledge of data analysis and data visualization in support of business decision-making.
- Proficient in the MS Office suite, including Word, Excel, PowerPoint, and Outlook, for document creation, presentation, and communication

## EDUCATION

<b>Data Analysis for Business Decision-Making</b> Durham College, Oshawa, ON	<b>September 2024 – April 2025</b>
<b>Geographic Information Systems – Applications Specialist</b> Fleming College, Lindsay, ON	<b>September 2023 – June 2024</b>
<b>Bachelor of Science in Geology</b> Federal University of Petroleum Resources, Nigeria	<b>September 2017 – May 2021</b>

## WORK EXPERIENCE

<b>NESREA – Compliance Monitoring Officer</b> <i>Environmental protection and promotion of sustainable development.</i> Abuja, Nigeria	<b>September 2022 – August 2023</b>
<ul style="list-style-type: none"><li>• Crafted interactive graphs and dashboards using Excel to present quarterly reports on watershed management policies and trends, effectively translating data into visually compelling insights for stakeholders, demonstrating strong attention to detail and problem-solving skills.</li><li>• Created maps and charts to leverage spatial analysis in identifying areas prone to flooding and erosion, leading to the implementation of mitigative measures within 4 local government areas in the federal capital territory, showcasing adaptability and team collaboration.</li><li>• Developed and maintained a database to log and track environmental complaint reports, audits, and environmental violation data, ensuring timely resolution and regulatory compliance, boosting the team's efficiency by 12% through exceptional organization and time management.</li></ul>	

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## INTERNSHIP

### Federal Ministry of Environment – EIA Officer

April 2019 – December 2019

*Responsible for environmental policy, regulation, and sustainable development.*

Abuja, Nigeria

- Collected, organized, and analyzed field data related to air and water quality, biodiversity, and land use to assess potential environmental impacts of proposed projects, applying critical problem-solving skills and strong attention to detail.
- Compiled large datasets into spreadsheets and performed basic statistical analysis to support environmental risk assessments, utilizing adaptability and organization to manage complex information.
- Gathered and analyzed environmental data, including air quality, soil conditions, and water quality, to support EIA reports, showcasing proficient verbal and written communication skills in presenting findings.

## RELEVANT PROJECTS

### Emergency Response Toolkit | March 2024 – June 2024

- Designed a decision-support system for the Municipality of Clarington, enabling real-time geospatial data analysis during emergencies using ESRI software, Python programming for automation, and GIS workflows.
- Analyzed real-time traffic data to provide insights into traffic patterns in the Durham region using ESRI's platform as a service.
- Built a web app with interactive maps and dashboards to enhance situational awareness and support faster data-informed decision-making.

### Spatial Analysis for Conservation

- Executed ETL operations in FME Workbench to analyze and visualize multi-criteria decision workflows for habitat suitability.
- Presented findings using advanced cartographic techniques in ArcGIS and Excel to show metrics via charts.
- Created thematic maps showcasing urban expansion impacts on biodiversity in Southern Nigeria to support conservation efforts.

### 2D Map Creation

- Produced a cartographic product of Southern Nigeria with the theme of educating the public and conservation specialists about the protected areas for fauna and flora in the region. This project required a lot of data acquisition, digitizing, ensuring aesthetic cartographic rules were followed, while ensuring the map's message was clear and concise enough for the readers to connect with

## CERTIFICATIONS

### Data Analytics Certification

National Institute of Information Technology (Nigeria) | September 2022 – January 2023