

Opeyemi Adesewa Kazeem-Jimoh

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SKILLS AND LANGUAGES

GIS: ArcGIS Suite (Desktop/Pro, Online, Apps), QGIS | **Cartography and 3D GIS:** Blender, Cesium Ion
Photogrammetry: Agisoft Metashape, Pix4D | **Web Development:** JavaScript (Leaflet, OpenLayers), HTML/CSS
Remote Sensing: ENVI, eCognition | **Python Libraries:** ArcPy, Rasterio, NumPy **Databases:** PostgreSQL, GeoServer
Graphic Design: Adobe Illustrator, InkScape | **Video Editing:** Adobe Premier Pro | **Languages:** English – C1 (IELTS), German – A2

EDUCATION

MSc, Copernicus Master in Digital Earth – Double Degree **Austria / Czech Republic**
European Union funded Erasmus Mundus Joint Masters Degree program *Graduation Date: September 2024*

Palacky University, Olomouc
MSc. Geoinformatics (Cartography and Geo-Communication) *September 2023 - September 2024*

- Developed advanced competencies in 2D and 3D cartography and map production and Web Cartography leveraging libraries like MapBox, Leaflet.
- **Key Courses:** Thematic Cartography, Design in Geovisualization, Principles of Geovisualization, Web Cartography, 3D visualization
- **Projects:** [3D visualization of 2023 Maui Wildfire Event \(Master Thesis\)](#)

Paris Lodron University, Salzburg
MSc. Geoinformatics (Applied Remote Sensing) *September 2022 – August 2023*

- Honed skills in leveraging remote sensing products for rapid decision making and disaster risk reduction. Explored advanced Flood Mapping (SAR) and Modelling capabilities using HEC-RAS, and ArcGIS Flood Modeler, Developed competencies in satellite image processing and analysis.
- **Key Courses:** Spatial Analysis and Modelling, Geo-Application Development, Methods in Geoinformatics, Spatial Data Infrastructures.
- **Projects:** [RsensePy](#) (python library for vegetation indices calculation for Landsat and Sentinel data products), [DSM Creation from Tri-Stereo Satellite Imagery](#).

University of Lagos **Lagos, Nigeria**
Master of Business Administration (MBA) *Graduation Date: November 2022*

- Gained competencies in business development and management through real world case study analysis. Sharpened strategic thinking, problem-solving, and communication skills.
- **Key Courses:** Corporate Finance, HR Management, Marketing Management, Cost Accounting, Production Management.

University of Ibadan **Ibadan, Nigeria**
BSc. in Geography (GPA: 5.3/7.0) *Graduation Date: December 2015*

- Gained basic understanding of geographic theory and spatial thinking. Applied skills learned in an internship at the Oyo State Surveyor General's Office.
- **Key Courses:** GIS, Aerial Photo Interpretation, Physical Geography, Economic Geography, Man-Environment Interaction.

WORK EXPERIENCE

Z_GIS - Department of Geoinformatics, University of Salzburg

Research Assistant (Contract)

Salzburg, Austria
March 2025 – Present

- Explore synergies between geoinformatics and Conflict Mineral Exploration
- Develop potential projects/products ideas
- Technical support for PeaceEye FlexCo

Spatial Services GmbH

Intern/Working Student

Salzburg, Austria
July 2023 – December 2023

- Worked on the PeaceEye project evaluating the role GIS and Earth Observation can play in Conflict Prediction.
- Explored the role of existing technologies including AI and NLP based conflict reporting platforms and other application gaps that may be improved on.
- Technical support for ESA funded feasibility study

Geohazard Risk Mapping Initiative (GRMI)

Volunteer GIS Analyst / Team Lead (Research and Innovation)

Abuja/Remote, Nigeria
September 2020 – January 2023

- Became Team lead of the R&I department in May 2021 after 8 months as a volunteer GIS analyst, where I work to improve the efficiency and accuracy of our mapping processes, by introducing modern and state-of-the-art methods and organizing training to implement them across the volunteer structure.
- Using QGIS and ArcGIS Suite, I have since contributed to the development of 10+ high-resolution local flood hazard maps, leveraging open source and proprietary RS data such as Copernicus, and USGS data among others.
- Create reports and visualizations on Tableau, and Power BI to effectively communicate findings to stakeholders
- Support stakeholder training activities for emergency institutions, and decision-makers on the developed GIS floods management tools and analysis process.

DASS Geospatial Services

Geospatial Data Analyst (RTM Team)

Ikeja, Nigeria
October 2019 – April 2022

- Developed and implemented GIS-enabled workflows to effectively manage clients' Sales and output logistics activities, reducing average processing times by hours.
- Introduced cost-effective Free and open-source software (QGIS) and SQL to make map-making and data analysis workflows +65% more efficient.
- Collaborated with senior management to train my contemporaries on these new methods, thereby significantly increasing their efficiency.
- Before this role, I worked for 1 year and 8 months with DASS as a Human Resources Business Partner. However, I was able to transition to Geospatial data science as a testament to my capabilities as a GIS analyst, skills developed during my undergraduate and sharpened during the COVID-19 pandemic.

VOLUNTEER AND LEADERSHIP EXPERIENCE

[Geospatially Africa Podcast](#)

Host (Media and Communication)

Lagos/Remote, Nigeria
July 2021 – Present

- Conduct extensive research into trailblazing initiatives, talents, and innovations that are optimally harnessing the power of geospatial to address germane issues plaguing the continent, thereby inspiring others to do the same.

Women+ In Geospatial

Regional Ambassador (Sub-Saharan Africa)

London/Remote, UK
February 2022 – June 2023

- Coordinated 2 events with team members and partner organizations addressing new trends in the African geospatial space, aimed at uniting the community and inspiring members and potential members to join. Both events garnered 200+ participants and 1000+ views so far on Youtube.

Mentorship Coordinator

October 2021 – June 2023

- To give back after being mentored in the 2nd cohort, I worked to support and guide the mentoring groups through the program, ensuring they have a seamless and mutually beneficial experience.