BENARD OKELLO OTIENO OYUGI

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PERSONAL DETAILS

Date of Birth: 01/02/1988
ID. No.:   27817729
Gender: Male
Nationality: Kenyan
Language: Proficiency in English and Kiswahili (spoken and written)

PROFILE

I am an energetic young man who strongly believes in the power of teamwork to achieve my goals. I can operate in a demanding and competitive environment where I can directly contribute to the accomplishment of an organization's goals and objectives as well as to assure my own intellectual growth.

CAREER OBJECTIVES

To work for a dynamic entity that provides a stimulating/challenging working environment that develops a career. I'm a keen GIS expert and environmentalist passionate in the conservation of the environmental resources and protection, passionate in research, learning and impact in the field of GIS. I am looking for an opportunity to showcase my technical skills in GIS & Remote Sensing.

EDUCATION

University of Nairobi | Bachelor of Arts

- Geography and Environmental studies - Oct. 2009-Dec 2013

WORK EXPERIENCE

Attachments/Internships:

- National Environment Management Authority – Jan- April 2012; Department: EPRC.
- Nairobi City County – Oct-Dec 2012; Department: Environment (Parks section, cleaning section and EPM section)
- Ramani Geosystems- June 2014 to November 2014; Department of data management.
  - Production of new geospatial vector dataset products by utilizing a variety of GIS tools (2D and 3D mapping).
  - Maintenance of existing geospatial databases together with relevant metadata systems to required standards.
  - Compilation, symbolization, and creation of maps using appropriate cartographic techniques and principles for projects.
  - Geo-referencing of aerial imagery and cadastral plans.
  - Providing basic technical assistance both internally and externally.
  - Working in close collaboration with other GIS Technicians/Assistants to ensure delivery of high-quality data, and to clients Specifications in all projects.
  - Performing quality control assessments for all geospatial vector products.
  - Performing other related technical and administrative duties as required by the Technical Manager.

Professional Working Experience

GIS Technician, Ramani Geosystems Limited: Dec 2014 - Oct 2015
- Terrain editing using stereo workstations with either stereo image pairs or Lidar point clouds.
- Digital stereo mapping using stereo pairs to create 3D vector data for GIS or CAD platforms.
- Lidar point cloud processing including project set-up, cloud Calibration, classification, terrain modelling and data product creation.
- Quality Assurance & Quality Control of project work, such that proper consistency of process and deliverables is achieved.
- Technical research to keep abreast of industry developments & best practice.

GIS Technician - Team Leader, Ramani Geosystems Limited: Nov. 2015 – Aug. 2022
- Technical training to new production team members and offer training and support to visiting students/Interns.
- Supervision of mapping technicians.
- Allocation of assignment, duties, and tasks.
- Compile and review initial data outputs from production team before submissions.
- Data compilation in both ArcMap & AutoCAD and produce soft copy maps and perform printing for hardcopies for clients.
- First level quality control assessments of work out from production team.
- Any other related technical and administrative duties as required by manager and the other roles above.
- Provide basic technical assistance and guidance for the production team members.

Senior GIS Technician - Ramani Geosystems Limited: Aug. 2022 – To Present
- Technical Project Management.
- Provide training, coaching, assign tasks and monitor quality and quantity of work for GIS Technicians, GIS assist Technicians, and interns.
- Performs data analysis using ArcGIS/QGIS and related extensions/add-ons, relational databases, and other computer software; Apply the capabilities of GIS, databases, and other computer programs to solve complex spatial and relational problems.
- Conducts data analysis and preparation of training manual documents, data reports, and maps.
- Monitors and analyzes project and programmatic budgets.
- Communicates complex technical issues both verbally and in writing

SKILLS
- ARC GIS Pro
- ARC GIS Online
- QGIS
- 2D,3D GIS Analysis
- Mobile collection Tools using Kobo, Survey123, ODK, Q-Field and hand-held GPS, RTK operation.
- Global Mapper
- Photogrammetry Application Master (INPHO)
- Google Earth
- Power BI
- Spatial data management using Postgreql and PostGIS.
- Microsoft Office Applications
- Project coordination, Management & Training
- Building training manual Reports
- Spatial data QA\QC
- Effective team leader
- Data Analysis and Dashboard creation.

SHORT COURSES & ACCOMPLISHMENTS

- **Disaster management** - Incident Command System (ICS 1 and 2), and First Aid training at St. John Ambulance Head Quarters at Nairobi, I'm also a dedicated member- 2012.
- **CPR/First Aid** - Emergency Life Support, Water Rescue and Decision Making in Incident Management in collaboration with Polish and Kenyans government at St. John Ambulance Head Quarter at Nairobi-2012.
- **Emergency Operation Centre (EOC)-** Disaster management held Humanitarian Peace Support School (HPSS) Nairobi Embakasi – 2018.
- **Esri MOOC** – Cartography, Going Places with Spatial Analysis - 2020.
- **GIS Specialization** - offered by University of California "COURSERA"- 2020
- **GIS Mapping and Spatial Analysis Specialization** - offered by University of Toronto "COURSERA" 2020

SOFT SKILLS/ABILITIES

- Interpersonal Skills.
- Contingency Analysis, interpretation, and diagnosis.
- Dedication, Commitment, and unrelenting pursuit.
- Excellent communication.
- Superb Time management.
- Good delegation skills.
- Eye for detail & analytical.
- Leadership Skills.

REFEREES

Teresa Mbatia

- Lecturer - University of Nairobi, Department of Geography and Environmental Studies,
- P.O.BOX 30197-00100, Nairobi.
- Email: Teresambatia@gmail.com
- Phone No: 0717769479.

Boniface Mworia

- TomTom Maps - Regional Sourcing Specialist
- Email: Boniface.mworia@tomtom.com
- Phone No: 0722677555.

Helen Wawira

- Ramani Geosystems - Head of Geospatial Solutions & Processing
- P.O. Box 15353-00509 Nairobi
- Email: helen.wawira@ramani.co.ke
- Phone No: 0722965134