

Curriculum Vitae for Eric Nyadimo

Profession: Geospatial Engineer (Licensed Surveyor)
Name of Firm: Oakar Services Ltd
Name of Staff: Eric Nyadimo
Date of Birth: 26-Oct-1976
Nationality: Kenyan
Education: **Oct. 1996 - Nov. 2001**, BSc. Surveying (University of Nairobi, Kenya)
Oct. 2004 – March 2006, MSc Land Management Technische
Universitaet Muenchen, Germany

Professional Associations/Leadership

Sept 2019 – Present	Licensed Surveyor (K)
May 2019 – Present	Chair, Board of Management, Muthaiga Primary School
August 2018 – Feb. 2019	Chair, Taskforce on Digitization of Land Records, Ministry of Lands
April 2018 – Present	Chair – GIS Chapter, Institution of Surveyors of Kenya
April 2017 – Present	Vice-Chair, Lands & Physical Planning Sector – KEPSA
Feb 2017 – Nov 2019	Chair, Working Group, Technical Committee on Geographic Information, Kenya Bureau of Standards (KEBS)
August 2016 – April 2019	Vice-Chair, Board of Management, Muthaiga Primary School
April 2014 – March 2018	Secretary GIS Chapter – Institution of Surveyors of Kenya

Countries of Work Experience:

Kenya, Uganda, Tanzania, Ethiopia, Rwanda, Burundi and Eritrea

Languages:

Language	Reading	Writing	Speaking
English	Excellent	Excellent	Excellent
Kiswahili	Excellent	Excellent	Excellent
German	Fair	Fair	Fair
French	Fair	Poor	Poor

KEY QUALIFICATIONS

Eric Nyadimo is a Full Member of the Institution of Surveyors of Kenya (MISK) and has a Master of Science degree in Land Management and Land Tenure from the Technische Universität München, Germany and Bachelors of Science degree in Surveying from the University of Nairobi. His Master's Thesis focused on Cadastral Data and Process Modelling Using the Unified Modelling Language and made a case study of Kenya. The following details his qualifications:

1. He was involved in the development of Kenya National Spatial Data Infrastructure (KNSDI) standards and was a member of the committee of experts that worked on the KNSDI policy.
2. He has been involved in the formulation of the draft Survey Bill to replace the current Survey Act – Cap 299
3. He is an ESRI & Hexagon Geospatial authorised instructor for GIS, Remote Sensing and Photogrammetry.
4. He has a wealth of experience in Surveying, GIS, digital photogrammetry and Remote Sensing through his involvement in a number of projects, including the installation and configuration of GIS software and hardware as well as training at: Survey of Kenya; National Land Commission; Uganda Electricity Transmission Company Ltd.; Arusha Municipal Council; Jomo Kenyatta University of Agricultural Technology; Kenya Institute of Surveying and Mapping; Communications Authority of Kenya; Kenya National Bureau of Statistics; United Nations Office in Burundi; the National Statistics Office in Eritrea, Ministry of Education (Kenya); Kenya Sugar Research Foundation (KESREF); Mombasa Water; Barhir Dar University – Ethiopia; Ethiopian Mapping Agency; Ministry of Lands and Settlement – Tanzania;
5. He has undergone training in UT for ArcGIS, an enterprise GIS solution for the utility industry as well as Project Management based on the Project Management Book of Knowledge (PMBOK).
6. From January to December 2007, he was the Project Manager for the National School Mapping Phase I for the Ministry of Education, which saw the mapping and geodatabase development of over 72,000 learning institutions countrywide.

7. He has been involved in the development of GIS databases including spatial analysis and modelling for the Nyeri Water and Sewerage Company Ltd., the Lake Nakuru Environmental Management Project, the Nzoia Water and Sewerage Company Ltd., Uganda Electricity Transmission Company Ltd. (UETCL) and Mombasa Water.
8. He lectures Surveying, GIS and Remote Sensing part-time at the Department of Geospatial Engineering, University of Nairobi.

Employment Record:

Jan, 2011-Present	<u>Managing Director, Oakar Services Ltd., Nairobi, KENYA,</u> Responsible for advising the board of directors, motivating employees, and driving change within the organization. Presides over the organization's day-to-day operations including operational management, business development, reporting, marketing, training, project implementation and financial accounting.
April 2007– Dec. 2010	<u>Technical Director, Oakar Services, Nairobi, KENYA,</u> Responsible for business development, involved in office administration, oversaw the company's training program on GIS, Remote Sensing and GPS. Undertook project management including the implementation of geo-databases, spatial analysis and modelling for clients. Conducted and represented the company at technical workshops and seminars nationally and internationally.
May 2006 - March 2007	<u>Training and Professional Services Manager, Oakar Services, Nairobi, KENYA,</u> Responsible for the company's training program, project acquisition, management and implementation. Actively involved in business development through technical marketing, demonstrations, benchmarks and project proposal writing.
Aug. 2004- April 2006	Study Leave to undertake MSc. Land Management & Land Tenure, Technische Universitaet Muenchen, Germany
Sept. 2001– Aug. 2004	<u>Support Manager, Oakar Services, Nairobi, KENYA,</u> Directed the provision of technical support to clients, managed the company's software maintenance program and participated in project proposal writing, business promotion, project management and report writing. He also supervised GIS database development for clients such as the Institute for Education in Democracy, Caltex Oil Kenya, ILCP-JICA and ICRC.
July 2001- Aug. 2001	<u>Surveyor, Nyadimo and Associates Land Surveyors,</u> Involved in carrying out Cadastral, Mutation and Topographic surveys.
July 2000 – Sept. 2001	<u>Industrial Attachment, Department of Resource Surveys and Remote Sensing (DRSRS), Nairobi, KENYA,</u> involved in GIS database design, editing, merging, manipulation and database representation in both spatial and non-spatial form.

Work Undertaken that Best Illustrates Capability to Handle the Tasks Assigned

From	To	Company/Project/Position/Relevant Technical & Management Experience
Aug. 2018	Feb. 2019	Chair, Taskforce on Digitization of Land Records for the Ministry of Lands & Physical Planning, KENYA
Feb. 2015	June 2017	<p>Name of assignment/Job or project: Consultancy Services for the Design, Development and Implementation of a Geographical Information System-Second Phase for the Uganda Electricity Transmission Company Ltd. (UETCL)</p> <p>Client: Uganda Electricity Transmission Company Ltd</p> <p>Main Project Features: User Needs Assessment, business process analysis, workflow model development, data model development, web GIS development, data collection, Training and Capacity Development as well as setting up of the GIS lab.</p> <p>Position held: GIS Expert</p> <p>Activities Performed: User Needs Assessment, Data Model Development, GIS Application development, report writing, quality control & assurance, training and capacity development.</p>

April 2015	Feb 2016	<p>Name of assignment/Job or project: Mapping of Customer Meters and Low Voltage Network for Kenya Power & Lighting Company Ltd. For the development of a Geographic Information System.</p> <p>Client: Kenya Power & Lighting Company Ltd</p> <p>Main Project Features: Data collection, database development and reporting.</p> <p>Position held: Team Leader</p> <p>Activities Performed: Project management, report writing, quality control & assurance.</p>
May 2015	June 2015	<p>Name of assignment/Job or project: Supply of 19 Digital Photogrammetric Workstations and accessories including upgrade and maintenance of existing 13 Digital Photogrammetric Workstations</p> <p>Client: Survey of Kenya, Ministry of Lands</p> <p>Main Project Features: Software and Hardware Supply, Training & Capacity Development</p> <p>Position held: Team Leader</p> <p>Activities Performed: Project management, report writing, quality control & assurance.</p>
Jan. 2015	Dec. 2015	<p>Name of assignment/Job or project: Establishment and Commissioning of a GIS Lab for the National Land Commission including the provision of GIS software, hardware, training and capacity building.</p> <p>Client: National Land Commission</p> <p>Main Project Features: Software and Hardware Supply, Training & Capacity Development</p> <p>Position held: Team Leader</p> <p>Activities Performed: Project management, report writing, quality control & assurance.</p>
Feb. 2015	Dec. 2016	<p>Name of assignment/Job or project: Provision and Commissioning of National Land Commission's Integrated Systems (ERP, CRM and National Land Information Management System – NLIMS)</p> <p>Client: National Land Commission's</p> <p>Main Project Features: User Needs Assessment, Workflow Analysis, Data Model Development, Application Development and Integration</p> <p>Position held: Project Manager</p> <p>Activities Performed: Project management, report writing, quality control & assurance.</p>
Oct. 2014	May, 2016	<p>Name of assignment/Job or project: Supply and development of a Geographical Information Systems (GIS) for KENHA</p> <p>Client: Kenya National Highways Authority</p> <p>Main Project Features: User Needs Assessment, GIS development, Training and Capacity Development as well as setting up of the GIS lab.</p> <p>Position held: Team Leader</p> <p>Activities Performed: Project management, report writing, quality control & assurance, training and capacity development.</p>
July, 2014	Dec. 2014	<p>Name of assignment/Job or project: Consultancy Services on Technical Assistance to develop a GIS and knowledge management centre for Arid and Semi-Arid Lands (ASAL) Development.</p> <p>Client: Ministry of Devolution and Planning, State Department of Devolution, Directorate of ASAL</p> <p>Main Project Features: User Needs Assessment, GIS development, Training and Capacity Development as well as setting up of the GIS centre.</p> <p>Position held: Team Leader</p> <p>Activities Performed: Project management, report writing, quality control & assurance, training and capacity development.</p>
July, 2013	Feb, 2014	<p>Name of assignment/Job or project: GIS installation & setup at the National Irrigation Board (NIB)</p> <p>Client: National Irrigation Board</p> <p>Main Project Features: Supply and Installation of a GIS for the management of the Irrigation Schemes including hardware, software, imagery and training and capacity building</p>

		Position held: Team Leader Activities Performed: Project management, report writing, quality control & assurance, training and capacity development.
July, 2012	March, 2013	Name of assignment/Job or project: Spatial Information Management System Client: National Aids Control Council (NACC) Main Project Features: Development of a Spatial Information Management System (SIMS) that integrates GIS based on QGIS with NACC's Community Based Program for Activity Reporting for Embu, Mombasa and Kisumu Counties. Position held: Team Leader Activities Performed: Project management, report writing, quality control & assurance, training and capacity development.
Feb. 2012	Dec. 2012	Name of assignment/Job or project: Supply, development and installation of a GIS Client: Mombasa Water & Sewerage Company Ltd. (MOWASCO) Main Project Features: Supply, development and installation of a GIS to manage the water utility network for MOWASCO. Position held: Team Leader Activities Performed: Project management, application development, training and report writing.
Sept. 2011	Feb 2012	Name of assignment/Job or project: Service Level Mapping Location: Mavoko Municipality Client: Kenya Institute of Policy Planning and Research Main Project Features: Service Level Mapping of Mavoko Municipality with a view of identifying the extent to which communities perceive services related to infrastructure provision, communication, education and health. The main objective of the exercise being to advance sustainable urban development that benefits all residents, including those living in informal settlements. Position held: Lead Consultant Activities Performed: Project management, report writing, map production as well as training and capacity development in the area of GIS.
Jan 2012	Feb 2012	Name of assignment/Job or project: Mapping of Water Resources and Facilities Location: Matete District Client: World Vision Kenya Main Project Features: Mapping of Water Resources and Facilities for Matete District, including the development of a GIS database, map design & production. Position held: Lead Consultant Activities Performed: Project management, system development, report writing, map production as well as training and capacity development in the area of GIS.
Feb 2011	May 2011	Name of assignment/Job or project: Supply, installation and commissioning of a GIS at West Kenya Sugar Company Ltd Location: Kakamega, Kenya Client: West Kenya Sugar Company Ltd Main Project Features: Development of a GIS for evaluation and monitoring of the lands under sugar cane production to support decision making Position held: Team Leader Activities Performed: Supply, installation and commissioning of a GIS at West Kenya Sugar Company Ltd.
Jan 2009	April 2011	Name of assignment/Job or project: School Mapping Project Phase II Location: Kenya Client: Ministry of Education Main Project Features: School Mapping Project Phase II for the Ministry of Education in Kenya. The overall objective of the consultancy was to carry out spatial analysis using the database of educational institutions created in 2007. This was with a view of assessing how far the present educational services satisfy the objectives of the educational policy by integrating demographic and enrolment projections for the period 2008 to 2015. The demographic analysis carried out enabled the

		<p>generation of population projection data for the years 2008 to 2015. Projections were also done for enrolments, teachers & classrooms by province for ECDE, primary and secondary education levels between the years 2008 to 2015 using the 2007 school mapping base year data.</p> <p>Position held: GIS Specialist</p> <p>Activities Performed: Project management, report production, map production and reporting.</p>
June 2010	August 2010	<p>Name of assignment/Job or project: Supply, installation and commissioning of GIS Kenya Sugar Research Foundation (KESREF)</p> <p>Location: Kisumu, Kenya</p> <p>Client: Kenya Sugar Research Foundation</p> <p>Main Project Features: Supply, installation and commissioning of GIS at Kenya Sugar Research Foundation (KESREF)</p> <p>Position held: Team Leader</p> <p>Activities Performed: Project management; delivery of equipment, installation; setup of reference station; GIS and GPS training; and technical support and services.</p>
Dec. 2009	July. 2010	<p>Name of assignment/Job or project: Development of a GIS for the management of electricity transmission for the Uganda Electricity Transmission Company Ltd.</p> <p>Location: Kampala, Uganda</p> <p>Client: Uganda Electricity Transmission Company Ltd.</p> <p>Main Project Features: Development of a GIS for the management of electricity transmission for the Uganda Electricity Transmission Company Ltd. (UETCL), including training and capacity development for UETCL staff.</p> <p>Position held: GIS Specialist</p> <p>Activities Performed: Project management, system development, report writing, map production, training and capacity development.</p>
Aug. 2009	Nov. 2009	<p>Name of assignment/Job or project: Indoor Residual Spraying (IRS) Mapping</p> <p>Location: West Kenya</p> <p>Client: Department of Malaria Control, Ministry of Public Health & Sanitation</p> <p>Main Project Features: Indoor Residual Spraying (IRS) Mapping for the Department of Malaria Control, Ministry of Public Health & Sanitation, Kenya. The consultancy included the supply of software, aerial photography, digital elevation data as well as capacity development for staff within DoMC.</p> <p>Position held: Team Leader</p> <p>Activities Performed: Project management, data capture, database development, training and capacity development, map production and reporting.</p>
Jan. 2007	Dec. 2007	<p>Name of assignment/Job or project: School Mapping Project Phase I</p> <p>Location: Kenya</p> <p>Client: Ministry of Education</p> <p>Main Project Features: School Mapping Project Phase I for the Ministry of Education in Kenya, which saw the mapping and geodatabase development of over 72,000 learning institutions countrywide</p> <p>Position held: Project Coordinator</p> <p>Activities Performed: Acquisition of project vehicles, hiring of staff for the project, providing management of the project by monitoring & evaluation methods. Reporting to the client and donor – USAID. Prepared Final report and establishment of a GIS facility at the MOE.</p>
Nov. 2008	Dec. 2008	<p>Name of assignment/Job or project: Mukuru Community Asset Mapping</p> <p>Location: Nairobi, Kenya</p> <p>Client: EMORY University, USA</p> <p>Main Project Features: Mukuru Community Asset Mapping undertaken for EMORY University and Partnership for an HIV-Free Generation.</p> <p>Position held: Team Leader</p> <p>Activities Performed: Project management, data capture, database development, map production and reporting.</p>
Sept. 2008	Dec. 2008	<p>Name of assignment/Job or project: Mapping of Nairobi Metropolitan Region</p> <p>Location: Nairobi Metropolitan</p>

		<p>Client: KIPPRA/Ministry of Nairobi Metropolitan Development</p> <p>Main Project Features: Project Manager, Map Production for Proposed and Approved Nairobi Metropolitan Region for KIPPRA/Ministry of Nairobi Metropolitan Development for the preparation of digital and hardcopy topographic maps for 15 independent Local Authorities.</p> <p>Position held: Team Leader</p> <p>Activities Performed: GIS consultancy services, data capture and editing, map composition and map production.</p>
June 2008	Aug. 2008	<p>Name of assignment/Job or project: Monitoring & Evaluation of the Health Management Information Systems</p> <p>Location: Kenya</p> <p>Client: DANIDA</p> <p>Main Project Features: Rapid/Stocktaking of the DANIDA Support to Ministry of Health's Monitoring, Evaluation and Health Management Information Systems.</p> <p>Position held: Project Manager</p> <p>Activities Performed: Acquisition of project vehicles, hiring of staff for the project, providing management of the project by monitoring & evaluation methods and reporting to the client.</p>
Oct. 2007	May 2008	<p>Name of assignment/Job or project: Lake Nakuru Environmental Management Program</p> <p>Location: Nakuru, Kenya</p> <p>Client: JICA</p> <p>Main Project Features: Lake Nakuru Environmental Management Program for the development of an Environmental GIS Application of the Lake Nakuru Watershed Area including acquisition of spatial data for the Lake Nakuru Watershed, preparation of topographic maps, topo-cadastral maps, soil maps and geological maps for the study area. The soil map and geological maps were created from secondary data whereas the topographic map was created by scanning and digitizing the existing topo-map then using satellite imagery to update.</p> <p>Position held: Project Manager</p> <p>Activities Performed: GIS Mapping work of the Lake Nakuru Watershed under the Nakuru Environmental Management Project sponsored by JICA to provide general & detail maps, data acquisition, digitization, preparation of maps and production of cartographic maps and training.</p>
Oct. 2007	Aug. 2008	<p>Name of assignment/Job or project: Development of a GIS database</p> <p>Location: Nzoia, Kenya</p> <p>Client: Nzoia Water & Sewerage Co. Ltd.</p> <p>Main Project Features: Development of a GIS database, training and supply of GIS software for the Nzoia Water & Sewerage Co. Ltd.</p> <p>Position held: GIS Specialist</p> <p>Activities Performed: Development of an Management Information System (MIS) for data entry of Consumer Survey data from water users in NZOWASCO region, Creation of a GIS Database of water reticulation systems topographic maps, Integration of Consumer database and Geodatabase and establishment of a GIS facility including supply of GIS software and conducting of GIS training.</p>
Aug. 2006	July 2008	<p>Name of assignment/Job or project: Development of a GIS database</p> <p>Location: Nyeri</p> <p>Client: Nyeri Water & Sewerage Co. Ltd.</p> <p>Main Project Features: Development of MIS for data entry of Consumer Survey data from water users in NYEWASCO region, Creation of a GIS Database of water reticulation systems topographic maps, Integration of Consumer database and Geodatabase and establishment of a GIS facility including supply of GIS software and conducting of GIS training.</p> <p>Position held: GIS Specialist</p> <p>Activities Performed: Development of a GIS database, training and supply of GIS software for the Nyeri Water & Sewerage Co. Ltd.</p>
Jan 2006	Aug. 2006	<p>Name of assignment/Job or project: Development of a Communications GIS database</p>

		Location: Kenya Client: Communications Commission of Kenya (CCK) Main Project Features: Development of a Communications GIS database integrating data from all service providers in the communication industry for the effective management and regulation of the sector undertaken for the Communications Commission of Kenya (CCK) Position held: GIS Specialist Activities Performed: Geodatabase development, supply of GIS software and conducting of GIS training to 3 staff members.
Feb 2004	May 2004	Name of assignment/Job or project: Supply of Enterprise GIS Solution Location: Kenya Client: Kenya Roads Board (KRB) Main Project Features: Supply of Enterprise ArcGIS Solution comprising of ArcGIS, ArcSDE, ArcIMS software to the Kenya Roads Board (KRB) Position held: GIS Specialist Activities Performed: Supply, installation and commissioning of Enterprise ArcGIS Solution comprising of ArcGIS, ArcSDE, ArcIMS software.
June 2003	July 2003	Name of assignment/Job or project: Supply of Enterprise GIS Solution Location: Kenya Client: Electoral Commission of Kenya (ECK) Main Project Features: Supply of Enterprise ArcGIS Solution comprising of ArcGIS, ArcSDE, ArcIMS software and training of 15 members of Electoral Commission of Kenya (ECK) staff in courses: ArcGIS I & II, ArcSDE, ArcIMS and Geodatabase development using Microsoft SQL Server RDBMS. Position held: GIS Specialist Activities Performed: Supply of Enterprise ArcGIS Solution comprising of ArcGIS, ArcSDE, ArcIMS software and training of 15 members of Electoral Commission of Kenya (ECK) staff in courses: ArcGIS I & II, ArcSDE, ArcIMS and Geodatabase development using Microsoft SQL Server RDBMS.

Certification

I, the undersigned, certify that to the best of my knowledge and belief that this CV correctly describes myself, my qualifications, and my experience. I understand that any willful misstatement described herein may lead to my disqualification or dismissal, if engaged.



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Date: 10th Dec. 2019