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EDUCATION **Honors Sc.**, WorldQuant University (January 2019 - September 2019)
Major: Machine Learning and Statistical Analysis
B.Ed(Arts), Egerton University, Njoro-Kenya (September 2013 - June 2017)
Major: Mathematics and Geography
Associate, [University of Notre Dame](#) (September 2017 - January 2018)
Major: Geographic Information Systems.
Associate, [Harvardx](#) (February 2018 - January 2019)
Major: Climate Energy

TECHNICAL SKILLS Software including: Git, SQLite, Tableau, PowerBI, QGIS, Anaconda, Android Studio, Blender, Inkscape.
Packages including: Python, SciKit, sklearn (contributor), pandas, NumPy, plotly, SciPy, matplotlib, folium, Streamlit, Django

TECHNICAL EXPERIENCE **International Center for Humanitarian Affairs** Nairobi, Kenya
Cash Information Management (Cash IM) (March 2021 - Present)
• Consultation: Support regional countries (Uganda, Ethiopia, Zimbabwe) to advocate for CashIM, tools options, analysis of data needs in Cash Standard operating procedures
• Training: Facilitate or Support in training to introduce concepts and Training for Specific Information Management skills in cash context including Market Assessments.
• Operational Support: Dedicate or provide direct assistance to deliverables in a specific operations.
• Monitoring and Evaluation: Facilitate or Support during lesson learning and experience sharing to benefit the wider Red Cross Red Crescent Network.

Freelance Nakuru, Kenya
Data Scientist (February 2018 - March 2021)
• Develop Machine Learning Models and Data Analysis for Community Contributions
• Data Visualizations for Humanitarian and Health Sectors
• Web Developer
• Graphic Designer.

Oil-Crop Development LTD (Faida Seeds) Nakuru, Kenya
Field Supervisor (November 2019 - February 2020)
• Supervised farm preparations activities
• Tallying of daily package production
• Accounting for the casual-labour workforce including daily wages.
• Checking invoices, receipts and issue notes

Teaching Experience **Kenyatta Girls Secondary School** Thika, Kenya
Teacher - Internship (May 2016 - August 2016)
• Taught Mathematics and Geography
• Set, Invigilated, Marked internal Examinations
• Prepared Schemes of Work and Lesson Plans.

Leadership Experience	Red Cross Red Crescent Cash and Water, Sanitation and Hygiene Technical Working Group	Global, Worldwide
	<i>Member of the Pilot Projects Workstream</i>	December 2022 - Present
	Kenya Cash Working Group	Kenya, Kenya
	<i>Member</i>	(March 2021 - Present)
	<ul style="list-style-type: none"> • Lead of the Information Management Workstream • Member of the Minimum Expenditure Basket Workstream • Member of the Kenya Cash Working Group 	
Community Service	Kenya Red Cross Society	Nakuru, Kenya
	<i>Volunteer</i>	(January 2018 - Present)
	<ul style="list-style-type: none"> • Data and GIS Focal person • Provided support in the creation of the SARS - nCoVid-19 dashboard • Supported the nCoVid-19 Fumigation Pilot Project. • Participated in the 2018 Safer Access Review Framework. 	
	Nairobi Women in Machine Learning and Data Science	Nairobi, Kenya
	<i>Co-Organiser</i>	(April 2020 - Present)
	<ul style="list-style-type: none"> • <u>Deep Dives:</u> A hands-on project that helps members within the NWiMLDS Community acquire practical skills in data science, Machine Learning and A.I. that are curtailed and curated in their various environmental realities. 	
	SciKit-Learn Open Source Contribution Sprint	Global, Worldwide
	<i>Contributor</i>	(June 2020 - Present)
	Rotaract Club of Menengai	Nakuru, Kenya
	<i>Member</i>	(Oct 2020 - March 2021)
	<ul style="list-style-type: none"> • Public Relations (P.R) and Design Director • Club Secretary • Board Member 	
Awards	International Federation of the Red Cross Red Crescent Movement Academy	Solferino
	<i>Strategic Foresight and Futures Explorer</i>	(November 2022)
Publications	<ul style="list-style-type: none"> • <i>Strategic Foresight Explorer</i> 	
	<i>Submitted: Pre-Crisis Market Mapping and Analysis Report for Tana River (Oct - Nov 2021)</i>	
	<i>Submitted: Pre-Crisis Market Mapping and Analysis Report for West Pokot and Kitui (Sept - Oct 2021)</i>	