

## Kiragu. M. George, Mr.

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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	<b>Red Cross Red Crescent Cash and Water, Sanitation and Hygiene Technical Working Group</b>	Global, Worldwide
	<i>Member of the Pilot Projects Workstream</i>	December 2022 - Present
	<b>Kenya Cash Working Group</b>	Kenya, Kenya
	<i>Member</i>	(March 2021 - Present)
Community Service	<ul style="list-style-type: none"> <li>• Lead of the Information Management Workstream</li> <li>• Member of the Minimum Expenditure Basket Workstream</li> <li>• Member of the Kenya Cash Working Group</li> </ul>	
	<b>Kenya Red Cross Society</b>	Nakuru, Kenya
	<i>Volunteer</i>	(January 2018 - Present)
	<ul style="list-style-type: none"> <li>• Data and GIS Focal person</li> <li>• Provided support in the creation of the SARS - nCoVid-19 dashboard</li> <li>• Supported the nCoVid-19 Fumigation Pilot Project.</li> <li>• Participated in the 2018 Safer Access Review Framework.</li> </ul>	
	<b>Nairobi Women in Machine Learning and Data Science</b>	Nairobi, Kenya
	<i>Co-Organiser</i>	(April 2020 - Present)
	<ul style="list-style-type: none"> <li>• <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.</li> </ul>	
	<b>SciKit-Learn Open Source Contribution Sprint</b>	Global, Worldwide
	<i>Contributor</i>	(June 2020 - Present)
	<b>Rotaract Club of Menengai</b>	Nakuru, Kenya
	<i>Member</i>	(Oct 2020 - March 2021)
	<ul style="list-style-type: none"> <li>• Public Relations (P.R) and Design Director</li> <li>• Club Secretary</li> <li>• Board Member</li> </ul>	
Awards	<b>International Federation of the Red Cross Red Crescent Movement Academy</b>	Solferino
	<i>Strategic Foresight and Futures Explorer</i>	(November 2022)
	<ul style="list-style-type: none"> <li>• <a href="#">Strategic Foresight Explorer</a></li> </ul>	

Referees	Dr. Halima Saado (PhD) Ag. Vice-Chancellor UMMA University Nairobi. +254710315830 dr.saadoabdillahi@gmail.com	Steve Kenei GIS/IM American Red Cross Nairobi +254723704126 steve.kenei@redcross.org stevekenei@gmail.com	Peter Murgor CVA Manager, Kenya Red Cross (ICHA) P.O Box 40712, 00100, Nairobi. +254723588566 murgor.peter@redcross.or.ke