

## 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  
*Information Management Officer* (March 2021 - Present)  

- Consultation: Support regional countries (Uganda, Ethiopia, Zimbabwe) to advocate for Information Management, tools options, analysis of data needs in programme 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.
- Android app tester.

**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"> <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>				
Community Service	Kenya Red Cross Society	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>				
	Nairobi Women in Machine Learning and Data Science	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>				
	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"> <li>• Public Relations (P.R) and Design Director</li> <li>• Club Secretary</li> <li>• Board Member</li> </ul>				
Awards	International Federation of the Red Cross Red Crescent Movement Academy	Solferino			
	<i>Strategic Foresight and Futures Explorer</i>	(November 2022)			
	<ul style="list-style-type: none"> <li>• <i>Strategic Foresight Explorer</i></li> </ul>				
Publications	Submitted: <i>Pre-Crisis Market Mapping and Analysis Report for Tana River (Oct - Nov 2021)</i>				
	Submitted: <i>Pre-Crisis Market Mapping and Analysis Report for West Pokot and Kitui (Sept - Oct 2021)</i>				
References	<table border="1"> <tr> <td>Dr. Halima Saado (PhD) Ag. Vice-Chancellor UMMA University Nairobi. +254710315830 dr.saadoabdillahi@gmail.com</td> <td>Steve Kenei GIS/IM American Red Cross Nairobi +254723704126 steve.kenei@redcross.org stevekenei@gmail.com</td> <td>George Kihiko Operations Manager, Oil Crop Development Ltd P.O Box 2657, 20100, Nakuru. +254721788917 george.njihia@faidaseeds.com</td> </tr> </table>		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	George Kihiko Operations Manager, Oil Crop Development Ltd P.O Box 2657, 20100, Nakuru. +254721788917 george.njihia@faidaseeds.com
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