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, Havardx		(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
	Member of the Pilot Projects Workstream	December 2022 - Present
	Kenya Cash Working Group	Kenya, Kenya
	Member	(March 2021 - Present)

- Lead of the Information Management Workstream
- Member of the Minimum Expediture Basket Workstream
- Member of the Kenya Cash Working Group

Community Service	**Kenya Red Cross Society**	Nakuru, Kenya
	Volunteer	(January 2018 - Present)

- 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
	Co-Organiser	(April 2020 - Present)

- Deep Dives: 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
	Contributor	(June 2020 - Present)
	Rotaract Club of Menengai	Nakuru, Kenya
	Member	(Oct 2020 - March 2021)

- Public Relations (P.R) and Design Director
- Club Secretary
- Board Member

Awards	**International Federation of the Red Cross Red Crescent Movement** Academy	Solferino
	Strategic Foresight and Futures Explorer	(November 2022)

- Strategic Foresight Explorer