MELONIE CROFT

Currently searching for a Data Analysit position

Dynamic data analyst with growing fluency in R, Python, and Tableau. Demonstrated ability to prepare and analyze data, while providing actionable insight through statistical analysis. Adept at leveraging critical thinking, visualization, and communication skills to effectively present findings to a wide range of audiences.

🎓 EDUCATION

May 2023

American University
M.A. in International Development   📍 Washington, DC

Relevant Courses:

- *Data Analysis*
- *Statistics, Research Design, and Research Methods*

2020

University Maryland, Baltimore County
B.A. in Political Science   📍 Baltimore, Maryland

Minor: Africana Studies

Certificate: French

🖥 PROJECTS

2023

Data Analysis and Visualization
American University   📍 Washington, DC
- Produced an audio-visual PowerPoint presentation exploring conflict-climate migration. Generated multiple plots using *patchwork*.
- Analyzed "Urban Social Disorder" data to understand mobilization and violence trends in the Global South. Created a professional slide deck using *RMarkdown* and *Xaringan* library.
- Performed chi-squared statistical analysis to assess the relationship between villages and livelihood outcomes in Somalia. Presented findings in *posterdown* in *RMarkdown* and utilized *kableExtra* and *tidyverse* packages to generate highly customized tables and graphic visualizations.

2023

Codebook
American University   📍 Washington, DC
- Cleaned, appended, and reshaped large data set on "Sexual Violence in Armed Conflict" to produce a codebook that clearly communicates the contents, structure, and layout of the data.

2022

Statistical Analysis
American University   📍 Washington, DC
- Generated and presented multivariate regression analysis on the gendered impact of brain drain in international migration using R Studio.

CONTACT INFO

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 github.com/FlickaMdadisi

📞 +1 301-785-2003

For more information, please contact me via email.

SKILLS

Experienced in statistical analysis and data visualization in R and Tableau

R and Python Language - data cleaning, munging, and wrangling

Highly skilled in utilizing **dply**, **tidyr**, **kableExtra**, and **ggplot2** packages and **RMarkdown** documents

Advanced organizational proficiency in Microsoft Excel, SharePoint, and Salesforce

Languages: fluent Amharic, intermediate French, conversational Spanish

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💼 PROFESSIONAL EXPERIENCE

2022

Program Associate, intern
Horn of Africa Youth Network 📍 Nairobi, Kenya

- Cleaned and analyzed raw survey data to inform programming on youth economic empowerment initiatives.
- Led projects to collect and synthesize global migration policy documents.
- Ensured team workflow efficiency by managing internal tracking system of client deliverables and donor requirements.

2021 | 2022

Records Specialist
City of Takoma Park 📍 Takoma Park, Maryland

- Effectively managed Maryland Public Information Act (MPIA) records and requests.
- Generated a report analyzing information and records management metrics to improve performance.
- Searched, identified, and exported data utilizing Google Vault.
- Streamlined records inventory system and data entry using Excel Macros.