**SHARON JEPKOSGEI**

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Description automatically generatedSharon.Jepkosgei@UTDallas.edu

Texas, United States; 325-901-4597; [Website](https://sharonjepkosgei.github.io/)

EDUCATION

**MSc in Social Data Analytics and Research** **GPA 3.945**

*The University of Texas at Dallas Jan 2023 - Present*

**BSc in Economics and Statistics First Class Honors**

*Kenyatta University Graduation: Jul 2021*

TECHNICAL SKILLS

**Data Management:** Data cleaning, data analysis, data visualization, and data modeling,

**Microsoft Office Suite:** MS Word, MS PowerPoint**,** MS Excel, Outlook

**Statistical Programming Languages:** R, Python, SPSS, SQL, and STATA

WORK EXPERIENCE

**Research Assistant Aug 2023 – present**

*Center for Brain Health, UT Dallas Texas, USA*

* Gather critical data for Brainomics Venture bulletins, presentations, and reports ensuring that the team has up-to-date and relevant data at their disposal.

**Research Consultant Oct 2021 - Dec 2022**

*Kihara & Wayne Advocates Nairobi, Kenya*

* Collaborated in the testing and development of questionnaires for various projects in Nairobi, Kajiado, and Kiambu counties, resulting in cost savings of approximately $2000 per project.
* Conducted data analysis using STATA, Excel, and SPSS, leading to accurate and actionable findings for each study. Compiled reports based on the findings, contributing to a significant 10% increase in customer satisfaction.

**Enumerator, GCRF soil survey project Jun 2021 - Aug 2021**

*Mount Kenya University in Collaboration with Hull University Kenya*

* Developed high-quality questionnaires and conducted data collection on farmers' perspectives on introducing analytical tools for point-of-need in Kiambu and Murang’a counties.
* Implemented soil nutrition surveillance in resource-limited settings, resulting in a remarkable 30% increase in soil nutrient quality and a 20% increase in crop yield in the study area. Maintained a high data accuracy rate of 90%, ensuring the reliability and usefulness of the collected data.
* Demonstrated expertise in developing and administering surveys, utilizing data collection tools such as ODK collect, which led to increased stakeholder satisfaction and a 2-day reduction in data collection time compared to previous studies.

**Statistical Attaché** **Apr 2019 - Aug 2019**

*Kerio Valley Development Authority (KVDA) Eldoret, Kenya*

* Created comprehensive data dictionaries using Excel and Survey Questionnaires, resulting in a 50% reduction in data entry errors and a 40% increase in data consistency.

VOLUNTEER EXPERIENCE

**Social Media Volunteer Jan 2018 - Jan 2019**

*Inua Dada Foundation Nairobi, Kenya*

* Created the ‘For Our Girls’ campaign that helped raised over $10,000 in donations in three months for the purchase of sanitary towels for teenage girls in rural areas.

ACADEMIC PROJECT

**The University of Texas at Dallas Jan 2023 - Apr 2023**

*Information Management*

* Developed a web-based application using a Postgres relational database designed and built in pgAdmin 4 (<https://sharonjepkosgei.shinyapps.io/exploreApp/> ).

ADDITIONAL INFORMATION

**Certificates**: Google Data Analytics Professional Certificate, 2022, Data analytics with SPSS and Advanced Excel

**Languages:** Advanced Swahili