

# Faith Githaiga

## Data Scientist

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### SUMMARY

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Junior Data Scientist aspiring to enter the world of data-driven problem solving. Skilled in Python, SQL, and data visualization, with hands-on experience in data cleaning, exploration, and basic machine learning. I am eager to apply and grow my skills through real-world projects and collaborative opportunities.

### SKILLS

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- **Programming Languages:** Python, SQL
- **Data Manipulation & Analysis:** Pandas, NumPy
- **Data Visualization:** Matplotlib, Seaborn, Tableau
- **Machine Learning:** Scikit-learn (basic regression & classification models)
- **Data Cleaning & Preprocessing:** Handling missing values, encoding, scaling
- **Exploratory Data Analysis (EDA)**

### PROJECTS

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#### [Bank Marketing Campaign Analysis](#)

Analyzed a Portuguese bank's marketing data to predict customer subscription to term deposits. Implemented data cleaning, feature engineering, and logistic regression models to improve campaign targeting.

[FGithaiga/BANK\\_MARKETING](#)

#### [Car Price Prediction](#)

Built a regression model to predict used car prices based on key features such as brand, mileage, fuel type, and engine size. Performed EDA, data preprocessing, and model evaluation.

[FGithaiga/CAR\\_PRICE](#)

## **Fraudulent Job Posting Detection**

Built ML models to detect rare fraudulent job postings using SMOTE and class weighting, optimizing for recall and F1-score to enhance user safety.

[FGithaiga/FAKE\\_JOB\\_POSTING](#)

## **Hate Speech Detection**

Built ML models to detect hate speech, handling class imbalance and optimizing F1-score to enhance online content safety.

[FGithaiga/HATE-AND-OFFENSIVE-LANGUAGE-DETECTION](#)

## **Global Cyber Attack Trends Analysis**

Analyzed global cyber attack trends using Python and data visualization to identify patterns, risks, and inform cybersecurity strategies.

[FGithaiga/GLOBAL\\_CYBER\\_ATTACK\\_TRENDS](#)

## EXPERIENCE

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### Junior IT Support Attachee | */KENAS/*

September | */Upper Hill/*

Provided technical support and contributed to the maintenance and setup of ICT systems during a paid attachment, gaining hands-on experience in IT infrastructure, user support, and system deployment.

#### Key Responsibilities:

- Troubleshoot hardware and software issues, providing timely support to end-users.
- Assisted in user onboarding by offering training and guidance on newly installed systems.
- Participated in the monitoring, setup, and preventive maintenance of ICT equipment.
- Helped maintain an accurate inventory of ICT assets and software licenses.
- Supported the coordination and installation of new ICT infrastructure, including:
  - CCTV systems
  - Access control systems
  - PABX telephony
  - Wireless access points
  - Network cabling and infrastructure
- Documented technical processes and maintained up-to-date records for all ICT equipment and systems.

#### Key Accomplishments:

- Improved user response times by assisting in the rapid resolution of technical issues.
- Contributed to the successful setup and documentation of new ICT systems in a newly commissioned building.

## EDUCATION

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**Zetech University** | Bachelor in Software Engineering

**2025**

- Ongoing

**Moringa School** | Data Science

**February-August 2025**

- Certificate

**Zetech University** | Diploma in Software Engineering

**2023-2024**

- Distinction

## **REFERENCES**

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