MS. KATHERINE MUNG'AYI

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Github : https://github.com/KatherineMungayi

Nationality – *Kenyan*

CAREER OBJECTIVE

To gain industry experience in Finance through an entry level opportunity while leveraging on the knowledge and experience I have acquired to create value for the organization.

EDUCATIONAL BACKGROUND

2019 – Present   **Strathmore University**
                              Bachelors of informatics and computer science.
                              Awaiting graduation.

2015 –2018   **BuruBuru Girls Secondary School**
                              Kenya Certificate of Secondary Education (K.C.S.E) Grade: B+
                              Maths A-, English B-

WORK EXPERIENCE

Dec 2019 – March 2020   **Missionaries of Charity Home**
                                        Voluntary service- 225hrs
            Responsibilities:
   o   Work alongside the existing staff to care for the children in the childcare center.
   o   Take part in feeding and keeping the children active within the home.

  o Assist in the office of the childcare center in preparing and managing their daily records.

Jan - March 2022   **Ministry of lands and physical planning.**
           IT Intern .

  Responsibilities:

  o Machine learning projects - Customer Segmentation.

  o Data analysis and visualization

  o Biometric initialization and configuration

  o Conducting inventory takes

SOFTWARE PROJECTS

Personal website - https://katemungayimyportfolio.netlify.app

Github - https://github.com/KatherineMungayi (for additional information on projects)

- PetMedic - A Web Application For Appointment Booking and Data Sharing Between Pet Owners and Veterinary Clinics-Pet Medic is a web-based application that serves to ease the challenges of keeping up with appointments and necessary vaccinations that pets need such as deworming which is recommended every three months. The pet owner is able to view the pets' complete medical diary and book one-on-one appointments. Furthermore, the pet owners will be able to receive emails of confirmation prior to the set date of the booked appointment.

- An Image Classification Model for Tuberculosis Diagnosis Using Convolution Neural Networks-This is a web-based system integrated with a machine learning CNN model which were to aid in the analyzing of Chest Radiograph images and give predictions as to whether the patient was positive for TB. The main aim of the project was minimizing the error of false positives and false negatives present in the current system. The CNN model was trained using a dataset of chest radiograph images that were divided into two categories namely normal and tuberculosis positive.

DIGITAL SKILLS

- SQL
- Python
- Data analysis and Visualization
- PHP(Laravel framework.)
- Microsoft Office.
- Java
- Javascript
- Typescript

SOFT SKILLS

- Team work
- Time management
- Flexibility
- Creative thinking
- Effective Communication

LANGUAGES

French(Intermediate)

EXTRA CURRICULAR ACTIVITIES

o Member of Community Outreach Programme (2018 – 2019)

HOBBIES AND INTERESTS

o Art

o Swimming and Travelling

REFEREES

1. **Patricia Mwangi**
   Mentor,
   Strathmore University,
   pwamuyu@strathmore.edu
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2. **John Wamalwa**
   Teacher,
   BuruBuru Girls Secondary School,
   Mobile No: +254 724 868 499.