**ESTHER NAISIMOI**

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# EMPLOYMENT

## Software Engineer, Volunteer Magsa.Org 2023 3MONTHS

* Led the integration of third-party software solutions and APIs to enhance the functionality and interoperability of existing systems, enabling seamless data exchange and collaboration.
* Implemented APIs to streamline data exchange and integration, enhancing the website's capabilities and ensuring seamless interaction with external systems.

**Web Designer Intern**  **Empower Community Girls 2022 2MONTHS**

* Designing and creating website layouts, user interfaces, and graphical elements using Figma.
* Created wireframes, mock-ups, and prototypes to visualize design concepts and iterate on ideas.
* Ensuring website designs are responsive, accessible, and compatible across different browsers and devices.
* Working closely with developers to implement design assets and ensure fidelity between design and development.)

**Industrial Attachment Civil Registration Services (IMMIGRATION) 2021 3Months**

Computer support

networking and troubleshooting

## Teaching Assistant Empower Community Girls 2021 5MONTHS

* Courses: Basic Web Development
* Designed and delivered comprehensive web development workshops, covering fundamental concepts such as HTML, CSS, and JavaScript, to Community girls from diverse backgrounds.
* Provided personalized mentorship and guidance to students, offering support and feedback to help them overcome challenges and achieve their learning objectives.

**EDUCATION**

## Zetech University 2022-2024

* **BSc in Science in Software engineering.**
* Undergraduate Coursework: Operating Systems; Databases; Algorithms; Programming Languages; Software Development Methodologies; Object-Oriented Programming (OOP); Software Design and Architecture; Project Management; Software Testing and Quality Assurance; Software development; Calculus III.
* **Diploma in Software engineering. 2019-2021.**
* Diploma Coursework: Operating Systems; Databases; Algorithms; Comp. Architecture; Engineering Entrepreneurship; Programming Fundamentals; Calculus II; Project Work.

# TECHNICAL EXPERIENCE

**Languages:** Python, SQL, HTML, CSS, JavaScript,

**Developer Tools:** Jupyter Notebook, Visual Studio Code, Docker, IntelliJ IDEA, PyCharm, Git, GitHub, Google colab.

**Technologies/Frameworks:** TensorFlow, Flask, Agile, Bootstrap, Angular, NodeJS, HTTP, MongoDB, AWS ( EC2, S3, EFS), Natural Language Processing (NLP), Keras, Scikit-learn, NumPy, Pytorch, Pandas, Data Structures and Algorithms

## Projects

## E-commerce WebApp: "EntitoSidai"

* Developed an end-to-end e-commerce website using modern web development technologies such as React.js, Node.js, and MongoDB.
* Implemented user authentication, product catalogue, shopping cart functionality, and secure payment processing using Stripe API.
* Designed a responsive and intuitive user interface with seamless navigation and dynamic product search features.

## NGO WebApp: "MAGSA"

* Designed and developed a website for a non-profit organization MAGSA using WordPress CMS.
* Created a visually appealing and informative website layout with sections for mission, programs, events, and donation opportunities.
* Implemented donation functionality with secure payment gateways to enable online donations and fundraising campaigns.

**Cervical Cancer Prediction:**

* A machine learning image classifier using Deep learning techniques like CNN

Frameworks: **TensorFlow**, **Keras** for model training andneural networks computations, **Streamlit** for User interface of the project, **Efficient Net**, **Dense Net**

**Languages: Python**

# CERTIFICATIONS

**Cisco Certified Network Associate (CCNA)**  **Huawei Certified Network Associate (HCNA)**

REFEREES

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