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Objective.

A dedicated and detail-oriented individual awaiting graduation with a Bachelor's degree in Information Technology from Technical University of Kenya. Having completed all my coursework and currently in the process of finalizing degree requirements, I am eager to transition into the professional IT domain .

With a strong foundation in diverse IT disciplines, including but not limited to Hardware & Software installation & configuration, Network design, routing, installation & maintenance, Office Automation & Information Management, Software development, Information Systems Security, I am well-prepared to apply my academic knowledge and experience in a dynamic real-world environment. My time at TUK has equipped me with a robust understanding of IT principles, along with the ability to quickly learn and embrace new technologies.

Experience.

OCT 2023 - DEC 2023

Kenneth Matiba Eye and Dental Hospital, Kenol - IT Intern.

- **Technical Operations:** Engaged in various troubleshooting tasks as well as hardware and software installation and configuration. This will be essential in maintaining robust IT systems at Safaricom.
- **Technical Support:** Provided technical support to staff members, contributing to smooth delivery of services. This will be essential in ensuring efficient operations at Safaricom.
- **Data Management:** Engaged in data entry and categorization at the facility's triage, this will be valuable in handling any data-related tasks that will be assigned to me.
- **Administrative Support:** Supported CME meetups and compiled reports, honing my administrative skills and ability to facilitate technical discussions.

JULY 2022 - SEP 2023

Impact Outsourcing Limited, Kipro Center, Westlands - Data Annotator.

- **Image/Video Annotations:** Utilized various tools for image/video annotations, honing my skills in handling visual data, crucial for computer vision tasks at Safaricom.
- **Data Mining:** Engaged in data mining, developing a keen eye for detail and understanding of data requirements, beneficial for data-intensive roles at Safaricom.
- **Data Entry:** Accurately entered data into various platforms, ensuring data integrity, a critical aspect in IT roles.
- **Teamwork/Collaboration:** Gained collaboration skills through project-based tasks, valuable for team-based projects at Safaricom.

Education.

JULY 2019 - DEC 2023

Technical University of Kenya, Haile Selassie Ave. - Degree

Bachelor of Technology in Information Technology.

- Awaiting graduation.

Skills.

Technical Skills:

- Proficient in Windows and Linux.
- Deep understanding of computer hardware components.
- Proficient with office software like Microsoft Office, Google Drive.
- Skilled in network maintenance and troubleshooting.

Programming Skills:

- Proficient in Python, CSS, SQL, familiar with C++.
- Experienced with Flask and FastAPI.
- Proficient in using Pandas, Numpy, Scipy, Matplotlib.
- Experienced with Scikit-Learn, CatBoost, XGBoost, familiar with PyTorch, TensorFlow and Keras.

Soft Skills:

- Capable of adjusting strategies in response to new information.
- Strong problem-solving abilities.
- Excellent verbal communication and technical writing skills.
- Able to maintain high performance under pressure.

Projects.

Predictive Tourist Expenditure System:

- A machine learning application aimed at improving travel experiences by predicting a tourist's spending category. This prediction is based on various factors such as the tourist's country of origin, purpose of travel, tour package, and duration of stay. The application uses advanced boosting algorithms like Catboost and XGBoost for model development. It features a user-friendly form for data input and generates predictions using Python and Flask. The model's predictions and input variables are stored in a MySQL database. If a user is dissatisfied with the predictions, they can submit feedback. This feedback is processed by a pre-trained NLP model that classifies it as positive or negative, aiding in continuous model improvement.
- The project can be found on this [GitHub repository](#).

Volunteer Experience.

July 2022 - August 2023.

GDSC Team Organizer.

- As a team organizer for the Google Developer Student Club, I fostered a tech-driven community at my university. I organized workshops and hackathons, enhancing students' technical skills. I also managed club activities, outreach programs, and our social media presence, promoting technological learning and innovation.