Visit my Website?

ISMAEL SAKANDE

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 https://www.linkedin.com/in/ismael-sakande/

Phoenix (isakande1.github.io)

EDUCATION

New Jersey Institute of Technology   Expected April 2025

       B.S. *in Computer Science*

Anthony Robbins Global Youth Leadership Summit   September 2015

      Advanced leadership skills and teamwork abilities gained through intensive workshops and collaborative projects.

TECHNICAL SKILLS

- ✓ Data Science & AI: Python, Lang Chain, RAG
- ✓ Full Stack Development: MySQL, ReactJS, HTML/CSS, Flask
- ✓ Programming & Algorithms: Java, Python, C++, C, Python
- ✓ DevOps: Git, Docker
- ✓ Linux Scripting: Bash, parallel programming, shared memory
- ✓ Software Engineering Processes
- ✓ Computer Networking
- ✓ Bilingual: Fluent in French

PROJECTS

❖ **Online Dealership Platform (ReactJS, Flask, MySQL, Docker):**

A full-stack application that allows customers to shop for cars and accessories, schedule test drives, and book service appointments. Features for dealership managers include inventory management, technician account creation, task assignments, and business report generation. The platform also includes an interface for technicians to access and manage their work assignments and generate service reports.

❖ **Image Compression (ANSI C):**

This project involves developing a tool to rotate images (clockwise and counterclockwise) and flip images (vertically and horizontally). A quad-tree compression algorithm is implemented to efficiently reduce image storage by subdividing regions until uniform intensity is achieved.

❖ **Ai chat bot (Discord, RAG, Lang Chain, Llama2):**

An AI bot that integrates with Discord for natural language interactions. The project uses vectorization to combine user queries with data from a book, generating prompts. Llama2 is leveraged to provide accurate and relevant responses on Discord.

❖ **Cancer Patient Survival Prediction (Python):**

A data science model predicting cancer patient survival using logistic regression for binary outcomes. Tested with a decision tree algorithm and optimized using GridSearchCV.