Barrack Otieno

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EDUCATION

MASENO UNIVERSITY
BEd, Science With IT
Second Class Honours
Sept 2018 - Dec 2022

KCA UNIVERSITY
Certificate, Computer Application
Distinction
Mar 2017 - Aug 2017

LINKS

Github:// **Baraq23**
LinkedIn:// **Barrack Kope**

COURSEWORK

INFORMATION TECHNOLOGY
ICT
Internet & Worldwide Web
Human-Computer Interactions
Social & Professional Issues in IT
Desktop Publishing Techniques
Computer Communication Systems
Computer Based Information Systems
Foundations of Information Technology
Introduction to Spreadsheets & Databases
Relational Database Management Systems (MySQL)

CERTIFICATIONS

JAVASCRIPT | Web Development Basics
July 2023 | Sololearn.com, Online
- Variables & Data Types • Loops • Functions & Methods •
- Objects & Constructors • Arrays • ES6+ Features •

HTML & CSS | Web Development Basics
Jan 2023 | Sololearn.com, Online
- HTML Tags • Web Deployment & Maintenance •

PROJECT MANAGEMENT Dec 2023 | Udemy.com, Online
- Project Life Cycle: Initiation, Planning, Execution, Monitoring & Control, and Closure Phase.

PROFILE

I am a dedicated individual with a deep passion for software development, consistently seeking opportunities to expand my knowledge and skills. My strong commitment to collaboration and my proactive approach to learning enable me to contribute meaningfully to team efforts and excel in dynamic environments.

SKILLS

Soft Skills
• Problem-Solving Skills • Interpersonal Skills • Communication Skills • Collaboration Skills • Time Management Skills • Computer Proficiency Skills • Analytical Skills

Programming Skills
Golang • HTML5 • CSS3 • JavaScript • Python • Git
TOOLS: Android • iOS • Linux • Windows • MySQL • VS code

WORK

APPRENTICE SOFTWARE ENGINEER | Zone01 Kisumu
March 2024 – Present | Kisumu, Kenya
Main Duties: Engaging in programming tasks primarily using Go and other programming languages, while contributing to both individual and group projects through effective team collaboration.

PROJECTS

NUMBER GAME | View project here | January 2024
I built a 'Number Game' with JavaScript, using a variety of functions and array methods to process player inputs, show data, and evaluate guesses. Players must correctly guess a randomly generated number between 0 and 10, in a few tries. This project was useful in sharpening my ICT & Web Development skills and evaluating my level of expertise in the field.

GO-RELOADED | View project here | March 2024
Text Auto-Correction Tool built in Go, focusing on string manipulation and utilizing Go's data structures to enhance text editing and correction capabilities. This project strengthened my skills in Go and advanced my understanding of efficient text processing.

ASCII ART PROGRAM | View project here | May 2024
This project is an ASCII art program implemented in Go. It takes a string as input and outputs a graphic representation of the string using ASCII characters.

REFERENCES

[1] Prof. Maurine Olel | Dean of School of Education, Maseno University | P.O.Box 333 Maseno | deanedu@maseno.ac.ke
[2] Mr. Bernard T. lukuya | Chief Principal, Musingu High | Box 151-50100 Kakamega | 0721782368 | musinguhigh@yahoo.com
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