ABDULLAHI HASSAN NGUI

SOFTWARE ENGINEER | ICT SUPPORT SPECIALIST

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TECHNICAL SKILLS

Git   **Bash Scripting**   **C**   **C++**   **Python**   **Data Structures & Algorithms**

PROJECTS

Custom Printf Implementation

- Applied strong skills in C programming, string manipulation and memory management techniques to develop the custom printf function.
- Utilized modular programming principles to ensure code reusability and maintainability.

Simple Shell

- Developed a basic shell program in C programming language, capable of executing shell commands and managing processes.
- Incorporated features such as input/output redirection, pipelining, proper error handling, and implementation of signal handling for termination and interruption.
- Developed problem-solving and debugging skills through overcoming various challenges through this project.

EDUCATION

Software Engineering

[Holberton School](#) - School of Computer Science and Technology via ALX Africa.

Est. Graduation: March 2024.

Diploma in ICT (Distinction)

The Eldoret National Polytechnic (2018 – 2021).

WORK EXPERIENCE

ICT Support Specialist at National Hospital Insurance Fund (NHIF) **-** (Jan to April - 2019)

- Managed and maintained computer systems, networks, and servers, ensuring high availability and security.
- Assisted in implementation of various ICT projects, such as system upgrades and software deployments.
- Developed and maintained software solutions to support NHIF operations and enhance internal process.
- Collaborated with cross-functional teams to gather requirements, design, and implement software applications.
- Contributed to the improvement of software development processes and adherence to coding standards.