

Muhammed Amin Senghore

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SUMMARY

I'm a tech enthusiast with a passion for IT and cybersecurity, and I love solving problems through programming. I've built a solid foundation in coding with languages like C and Python, and I'm comfortable working with tools like Linux, Git, and productivity software from Microsoft and Google. I enjoy learning new technologies and figuring out how things work, and I'm always eager to take on challenges that push me to grow. Whether it's troubleshooting, coding, or collaborating on projects, I'm motivated to keep improving and contributing in meaningful ways.

EDUCATION

S.O.S Hermann Gmeiner Technical Senior High School
WASSCE Certificate

Bakoteh, The Gambia
June 2018

PROJECTS

Uniport-H Portfolio Theme

Feb. 2025

github.com/msio808/uniport-h

- I Built a onepage, lightweight, and simple Hugo portfolio theme with HTML, CSS JS.
- Implemented a favicons generator with sharp and Javascript.

CLI Quiz Game

Aug. 2024

github.com/msio808/quizbit

- I developed a terminal-based quiz game using the C language as part of my CS50x final project.
- Implemented a database using the SQLite3 database to store and track user profile info.
- Implemented RegEx functions for validating player 'usernames' and 'passwords' and password hashing functions using the SHA-256 hashing algorithm to securely encrypt user password details.

Tic Tac Toe Game

May 2024

github.com/msio808/ttt-game

- I implemented a CLI based Tic Tac Toe game using C.
- Implemented the **MiniMax** algorithm for the single player mode, used for finding the next best move while the game is ongoing.

COURSES & CERTIFICATIONS

HarvardX's Computer Science for Python Programming Professional Certificate

Mar. 2025

- This is a two-course professional certificate program offered by HarvardX on Edx.
 - Cs50x Introduction to Computer Science
 - Cs50p Introduction to Python Programming

C Programming Fundamentals

Mar. 2023

- An online non-credit course offered by **Duke University** through Coursera.

Linux Basics: The Command Line Interface

Feb. 2023

- An online course offered by Dartmouth & IMT on EdX.

SKILLS & INTERESTS

Languages: English, Turkish, Wolof, & Mandinka

Programming Languages: Basic C programming & Basic Python Programming

Tools & Technologies: Git & GitHub, Linux CLI, Microsoft Office Apps, Google Cloud Services