

# Muhammed Amin Senghore

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## EDUCATION

**S.O.S Hermann Gmeiner Technical Senior High School**

Bakoteh, The Gambia

*GPA 3.13, WASSCE Certificate*

*Sept. 2015 – Jun 2018*

## PROJECTS

### CLI Quiz Game

July. 2024 – Aug. 2024

[github.com/msio808/quizbit](https://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 – May 2024

[github.com/msio808/ttt-game](https://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.

### CLI Phonebook Application

Oct. 2023 – Oct 2023

[github.com/msio808/Phonebook](https://github.com/msio808/Phonebook)

- I developed a CLI-based contact management app using the C programming language
- Implemented file manipulation functions for use in reading, writing, modifying, and deleting contact data from the file.

## EXTRACURRICULAR ACTIVITIES

### S.O.S Islamic Club

Nov. 2016 – Feb. 2018

*Vice President*

*Bakoteh, The Gambia*

- I participated in club meetings, community services, & events organized by the club
- I represented the school in an Annual Inter-School Quran & Speech competition organized by the Federation of Gambia Muslim Students.

### S.O.S Science & Math Club

Oct. 2015 – Feb. 2018

*Member/Participant*

*Bakoteh, The Gambia*

- Actively participated in club meetings.
- Engaged in discussions with peers and assisted in supporting club activities.

### Inter-Class Sports Event

Oct. 2016

*Participant*

*Bakoteh, The Gambia*

- Participated in Inter-class football tournaments organized by the students.

## COURSES & CERTIFICATIONS

### CS50x Introduction To Computer Science

Aug. 2024

- An online Course offered on EdX by HarvardX, an online learning initiative of **Harvard University** .

### 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