Muhammed Amin Senghore

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SUMMARY

Aspiring IT professional with good foundation in programming (C, Python, HTML, CSS, JavaScript, Bash) and hands-on experience with Linux systems, Git & GitHub, web development using HUGO, and basic home network configuration. Seeking an entry-level role or internship as an IT technician or system administrator to leverage my skills, gain professional experience, and contribute effectively in a technology-driven environment.

TECHNICAL SKILLS

- **Languages**: Python, C Programming, HTML, CSS, JavaScript, Bash Scripting, PowerShell.
- **Tools**: Git & GitHub, Cisco Packet Tracer, Linux CLI, HUGO, CloudFlare, Docker, Wordpress.
- **Platforms**: Linux, Windows, Visual Studio Code, WebStorm, PyCharm, Arduino, Google Cloud, Microsoft Office.

EXPERIENCE

Logstack Labs — Remote | Istanbul, Turkey
IT Specialist (Freelance, Volunteer) — *Nov 2024 - Present*

- **Web Development**: Designed and developed lightweight, responsive static site themes using the Hugo static site framework. Created modular, performance-optimized, and easy to customize templates with clean UI/UX. Managed version control, issue tracking, and open-source releases via GitHub.
- **Network Configurations**: Completed guided lab simulations using Cisco Packet Tracer. Configured routers, cable modem & switches, VLAN, IP Addressing, and DCHP setup. Practiced network troubleshooting, packet flow analysis, and basic network security.
- **Linux Installation & System Hardening**: Deployed and configured virtual Linux systems with emphasis on system security hardening. Implemented firewall rules with UFW utility, service monitoring, DNS privacy settings, app restriction and sand-boxing using AppArmor and Firejail, system security auditing and scanning using ClamAV and Lynis.

PROJECTS

- **Home Wireless Network Configuration**: Built and configured a simple home Wi-Fi network simulation using Cisco Packet Tracer. Applied routing, DHCP, LAN security, and device configuration principles.
  Tech: Cisco Packet Tracer — *Sep. 2025*

- **Hugo Theme Collection**: I built a collection of simple and professional themes using the HUGO static site generator. These themes are lightweight, responsive, interactive, SEO friendly, and easy to customize & configure.
  Tech: Hugo, Html, Css, JavaScript — *Aug. 2025*

- **2D Bouncing Ball Simulation**: As part of my Stanford CIP5 final project, I developed a realistic 2D physics simulation of bouncing balls using Python and the standard "tkinter" library for the graphical interface. The simulation displays balls of various sizes, masses, and colors that move under the influence of gravity. Implemented Maths & 2D Vector physics calculations for handling ball-to-ball and ball-to-wall collision detection and responses.
  Tech: Python, Tkinter — *Jun. 2025*

- **QuizBit (CLI QuizGame)**: As part of my CS50x final project, I built a CLI based QuizGame using the C programming language. The program uses SQLite3 to store, retrieve, & track player stats and profile info. It also uses RegEx and the SHA256 hashing algorithm to securely validate and encrypt user password details.
  Tech: C, OpenSSL, RegEx, SQLite3 — *Aug. 2024*

EDUCATION

S.O.S Hermann Gmeiner Technical Senior Secondary School — Bakoteh, The Gambia
High School Diploma & WASSCE Certificate — *June 2018*

COURSES & CERTIFICATES

CS106A Programming Methodologies — Synchronous E-Learning
Stanford Code In Place — *June 2025*

- An online course offered by Stanford University. It focuses on Python fundamentals, problem-solving, and programming best practices.

Junior Cybersecurity Analyst Career Path — Asynchronous E-Learning
Cisco Networking Academy — *2025 - Ongoing*

- A Preparatory program for CCST Cybersecurity certification covering Introduction To Cybersecurity, Networking Basics, Networking Device Configuration, Endpoint Security, Network Defense, Cyber Threat Management...etc.

Computer Science For Python Programming — Asynchronous E-Learning
HarvardX on Edx — *2024 - Ongoing*

- A two-course professional certificate program offered by HarvardX on Edx. It covers C programming, data structures & algorithms, memory management, Python, SQLite3, HTML, CSS, & JavaScript, and object oriented programming.

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The Hiring Manager October 9, 2025
Human Resources Department

RE: Application for an Entry-Level IT Technician / IT Internship Position

Dear Hiring Manager,

I am writing to express my interest in an entry-level IT Technician or IT Internship position at your organization. As a detail-oriented and motivated individual with a strong passion for technology, I am eager to begin my professional journey in IT as an IT Technician or an Intern.

Over the past few years, I have built a solid foundation in computer programming, Linux systems, Git & GitHub, web development using the HUGO framework, and troubleshooting through hands-on learning and personal projects. My experience includes assembling, maintaining, and troubleshooting computer systems, configuring and managing basic Linux and Windows environments, and ensuring that technical operations run efficiently. I am comfortable working with various software tools, diagnosing issues and documenting processes to maintain consistent technical standards.

I am particularly drawn to opportunities where I can apply my growing technical knowledge while learning from experienced IT professionals. I value teamwork, adaptability, and responsibility — traits that I believe are essential for maintaining reliable IT systems and effectively supporting users.

I would appreciate the opportunity to contribute to your team and develop further within your organization. Thank you for considering my application. I look forward to the chance to discuss how my skills and enthusiasm align with your technical needs.

Yours Sincerly,

Muhammed Amin Senghore