Emmanuel Tanoh

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Objective

Motivated cybersecurity student with hands-on IT support experience, foundational skills in system security, cloud platforms, and scripting. Completed industry-recognized online training and applied security principles in personal and academic projects. Passionate about threat prevention, digital forensics, and ethical hacking. Seeking opportunities to contribute to security initiatives while gaining field experience.

\*Education

\*Old Dominion University, Norfolk, VA

Bachelor of Science in Cybersecurity (Expected Graduation: 2025)

2022 – Present

\*Virginia State University, Petersburg, VA

Cybersecurity Coursework

2020 – 2022

\*Colonial Forge High School, Stafford, VA

High School Diploma

2016 – 2020

\*Certifications & Courses

\* Google AI Essentials – Coursera (Credential ID Available)

\* Introduction to Cybersecurity – Cisco Networking Academy

\* CompTIA Security+ Prep Course – YouTube & Practice Labs

\* AWS Cloud Practitioner Essentials – Amazon Training

\* Cybersecurity for Beginners – Cybrary

\*Cybersecurity Projects

\*1. Personal Network Security Lab

ODU / Self-Initiated Project

\* Built a secure home lab using VirtualBox and Kali Linux

\* Practiced ethical hacking tools such as Wireshark, Nmap, and Metasploit

\* Simulated phishing attacks and learned basic intrusion detection methods

\*2. Password Cracking & Hashing Demo

\* Explored how passwords are stored using hash functions

\* Used tools like John the Ripper and Hashcat in a safe, offline environment

\* Learned importance of salting and password complexity in authentication

\*3. Cloud Access Control Test (AWS)

\* Deployed EC2 instance and configured IAM user roles

\* Applied least privilege access policies

\* Practiced setting up multi-factor authentication and monitoring activity

\*4. Social Engineering Awareness Poster (Class Project)

\* Created an informational flyer on common social engineering tactics

\* Shared best practices for avoiding phishing and pretexting attacks

\* Presented during cybersecurity awareness week on campus

Technical Skills

\* Security Tools: Wireshark, Nmap, Metasploit, John the Ripper, Hashcat

\* Cloud Platforms: Amazon Web Services (AWS)

\* Operating Systems: Windows, Linux (Kali, Ubuntu)

\* Programming: Python (Basic scripting for automation and analysis)

\* IT Support Tools: Active Directory (Basic knowledge), Password Resets

\* Office & Communication: Microsoft Office Suite, Google Workspace

IT & Cybersecurity Experience

IT Help Desk Technician (Student Role)

Virginia State University — 2021 – 2022

\* Delivered Tier 1 tech support for student accounts

\* Resolved login issues and conducted password resets

\* Gained communication and ticket-tracking experience

Additional Work Experience

Delivery Driver

FedEx, Virginia — March 2024 – Present

\* Managed daily route logistics and secure package delivery

\* Maintained professionalism and punctuality in time-sensitive roles

Sanitation Assistant

Heartside Foods, Fredericksburg, VA — Summer 2022

Cook

Sonic, Fredericksburg, VA — Summer 2021

Customer Service Associate (Menswear)

Burlington Coat Factory, Spotsylvania, VA — Fall 2020 – Winter 2021

Cashier

Freddy’s Frozen Custard, Fredericksburg, VA — Summer 2020

Languages

\* Spanish

\* Twi (Ghanaian language)

Leadership & Campus Involvement

\* African Student Association (ASA) – Member, Old Dominion University

\* I.C.E. Model Program – Participant, ODU