Matteen Mahfooz

Purcellville, VA　　　**(571) 364-9069**　　　**Matmahfooz@gmail.com**

TECHNICAL SKILLS

Skills: <u>Advanced in:</u> Python, Java, HTML/CSS/JS, SQL, PHP, Linux Kernel Configuration, Object Oriented Programming, Functional Programming, Bash, OSINT; <u>Proficient in:</u> C/C++

OS/Tools: Linux (Gentoo, Kali, Debian, Arch), Windows 10/11, Git, VirtualBox/VMWare, Adobe, WireShark, Raspberry Pi, FTK imager, Redline, HxD, Splunk, NetWitness Investigator, Network Miner

EDUCATION

B.S. - Information Technology Concentration Cyber Security,　　　　　**Expected Graduation:**
Accelerated Masters - Digital Forensics | George Mason University　　　**May 2025**

- Current Cumulative GPA: 3.33/4.0　　　　　　　　　　　Dean's List Fall 2023 (GPA: 3.86)
- ○ Network Security　　　　　　　Object Oriented Programming
- ○ Cyber Security of Data and Software　　Operations of Intrusion Detection for Forensics
- ○ **Grad Classes:** Digital Forensics Analysis　　　　Network Forensics

CodePath Certifications | <u>Adv. Cyber Security</u> and <u>Technical Interview Prep</u> | CodePath and AmazonNext

- Certification for Advanced Cyber Security 102
- Certification for Technical Interview Prep 101

Working on getting these Certifications | COMPTIA A+, SEC+, LINUX+,

A Founder of **!Inquisitive Inventor's Club** | George Mason University

- Distinguished Quill Award
- Aid computation for research in COVID-19, Alzheimer's, Cancer, and Parkinson's with Folding@Home.
- Education on computation, building computers and operating systems.

Vice President of **Digital Law Club** | George Mason University

- Educate members on foundational cyber law principles, regulations, and current events.
- Education on legal literacy, Debates, Discussions, Mock Trials and Panel of Expert Guests.

Hackathon 2023 Event | George Mason University

- Worked as a team to create an extension to calculate grades more efficiently in BlackBoard

EXPERIENCE

Instructor/Teacher | CodingwithKids　　　　　　　　　　　**March 2021 - Present**

- C#, Python, Html/CSS/JS, Java, Lua, Cyber Security and Video/Photo Editing
- Instructing children ages ranging from 5 to 18

PROJECTS

Custom Configured OpenRC Hardened Kernel Gentoo Linux System　　　**June, 2024**

- Fujitsu LifeBook T902 configured kernel manually for a Gentoo Linux laptop, using: UEFI, NetworkManager, Rust, Clang, USE Flags using Portage, linux firmware binary redistributable (for iwlwifi), specified licenses used, accepted keywords, custom environment with separate USE flags for programs that cannot run if put behind hardened security, wayland sway window manager and an encrypted root partition.

Database Hagley Museum Archive/Library Systems | GMU IT Capstone　　**September, 2024 - May 2025**

- Streamline Hagley library and archives' reference workflows and reporting.
- Working with Hagley to create a solution to automate and integrate the register, consolidate requests, and three shelf lists.