

Education	
George Mason University Bachelor of Science in Cyber Security Engineering	August 2023 – May 2026 GPA: 3.92
Experience	
PatriotCTF 2024	September 2024
<ul style="list-style-type: none"><li>Analyzed network traffic with Wireshark to uncover hidden data.</li><li>Examined Windows Event Viewer logs for security insights.</li><li>Used Steghide to extract hidden data from images.</li></ul>	
Hardware Hackathon GMU	September 2024
<a href="https://devpost.com/software/carecart-vnzk3d?ref_content=my_projects-tab&amp;ref_feature=my_projects">https://devpost.com/software/carecart-vnzk3d?ref_content=my_projects-tab&amp;ref_feature=my_projects</a> <ul style="list-style-type: none"><li>Designed and built "CareCart," an autonomous line-following robot for hospitals, leveraging Arduino microcontrollers and C programming to assist nurses by delivering medication and supplies, reducing repetitive tasks and improving patient care.</li></ul>	
Crimson Pheonix SPY Program	April 2024 – August 2024 Herndon, VA
<ul style="list-style-type: none"><li>Enhanced web development skills in HTML, CSS, Java, and JQuery</li><li>Created dynamic and responsive websites</li></ul>	
George Mason University Mathematics Tutor	August 2024 – Present Fairfax, VA
<ul style="list-style-type: none"><li>Collaborate with college students of different learning levels and abilities to assure academic success</li><li>Simplify complex concepts to enhance student understanding</li></ul>	
Projects	
Diceware Password Generator	June 2024
<ul style="list-style-type: none"><li>Created a Diceware password generator in Python to produce secure passphrases using a dictionary of words mapped to dice rolls</li></ul>	
Key Logger	May 2024
<ul style="list-style-type: none"><li>Developed a key logger in Python to capture keystrokes that could contain sensitive information</li></ul>	
Buffer Overflow Vulnerability Lab	Spring 2024
<a href="https://seedsecuritylabs.org/Labs_20.04/Software/Race_Condition/">https://seedsecuritylabs.org/Labs_20.04/Software/Race_Condition/</a> <ul style="list-style-type: none"><li>Exploited a buffer overflow vulnerability to gain root access using shellcode.</li><li>Evaluated and bypassed system security measures, including StackGuard and address randomization.</li></ul>	
Race Condition Vulnerability Lab	Spring 2024
<a href="https://seedsecuritylabs.org/Labs_20.04/Software/Race_Condition/">https://seedsecuritylabs.org/Labs_20.04/Software/Race_Condition/</a> <ul style="list-style-type: none"><li>Exploited a race condition in a program to escalate privileges by manipulating file access timing.</li></ul>	
Certifications	
Security + (SY0-701) CompTIA	July 2024
<a href="https://www.credly.com/badges/29a5b163-971b-45d4-bc5d-67b9339bb7e3/public_url?trk=public_profile_see-credential">https://www.credly.com/badges/29a5b163-971b-45d4-bc5d-67b9339bb7e3/public_url?trk=public_profile_see-credential</a>	
Google Cyber Security Coursera	July 2023
<a href="https://www.coursera.org/account/accomplishments/specialization/certificate/R6AY7KUB653Y">https://www.coursera.org/account/accomplishments/specialization/certificate/R6AY7KUB653Y</a>	
Coursework	
CYSE 211: Operating Systems and Lab	Spring 2024
CYSE 130: Introduction to Computing for Digital Systems Engineering	Fall 2023
CYSE 101: Introduction to Cyber Security Engineering	Fall 2023
Skills	
Hard Skills	
Cloud Security, Cloud Computing Fundamentals, VMWARE, Docker, Python, Linux/CLI/SSH, Kali Linux, Wireshark, SQL, Firewalls, VPNs, Identity and Access Management (IAM), Networking, HTML, JavaScript, CSS	
Soft Skills	
Goal-oriented, Teamwork, Communicative, Analytical Thinking, Time Management, Creative Problem Solving, Adaptability	