ASHEN AMANTHA

CYBER SECURITY INTERN

CONTACT

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SKILLS

- Bug Bounty Hunting
- Network Security
- Digital Forensics (Basic)
- Linux System Security
- Ethical Hacking
- CTF Challenges
- Cloud Security
- SIEM
- Programming
- C C++ JAVA Python
- Web Development
- HTML CSS JS PHP
- Kali , Ubuntu , Windows
- MS Word, MS Office, PowerPoint
- Public Relations
- Teamwork
- Time Management
- Leadership
- Effective Communication
- Critical Thinking

PROFILE

Undergraduate student eager to learn and grow in ethical hacking and cybersecurity. Passionate about identifying vulnerabilities, improving security, and gaining hands-on experience in bug bounty programs.

EXPERIENCE & PERSONAL PROJECTS

- Bug bounty hunter   **2023 – PRESENT**
  - Identified and reported 15+ security vulnerabilities, improving web application security and network integrity.
- CTF Player & CTF Creator
  - Created 10+ CTF challenges & THM rooms , An active CTF player in Tryhackme , picoCTF etc...

PROJECTS

- VMware virtual home lab
  - Set up VMware virtual home lab with Linux Server and Active Directory for training purposes.
- Port Scanning Tool
  - Developed a Python-nmap-based portscanner ,that can be used to scan open ports on a specific network IP.
- Network Packet Analyzer | Python (Scapy)
  - Captured & analyzed packets (IPs, protocols, payloads) for traffic monitoring.
- Ethical Keylogger | Python
  - Logged keystrokes to file with emphasis on user consent & ethical use.
- Password Strength Checker | Python
  - Evaluated security against brute-force attacks (length, complexity, feedback).
- Caesar Cipher Tool | Python
  - Implemented encryption/decryption to study classical cryptography basics.
- Image Encryption Tool | Python
  - Encrypted/decrypted images via pixel manipulation (swapping/math operations).
- Smart Traffic Light Control System (Octave MATLAB)
  - Designed and simulated an adaptive traffic light controller, optimizing traffic flow and reducing congestion.
- E-blog channel
  - Created a blog to share knowledge and awareness about cybersecurity, demonstrating my knowledge.
- Boat Safari Trip Management System
  - Developed CRUD Tech Stack Website , improving user interface engagement significant

EDUCATION

BSc (Hons) IT Specialized in Cyber Security   2023 - 2027
Faculty of Computing | SLIIT
Recent GPA: 3.85 / 4.0

GCE ADVANCED LEVEL   2025 - 2029
ST. JOSEPH'S COLLEGE (Colombo 10)
Physical Science (Maths) Achieved **B C C** grades.

GCE ORDINARY LEVEL   2025 - 2029
ST.ANTHONY'S COLLEGE(Wattala)
Achieved the best results **(9A's)**

CERTIFICATIONS

- Certified in Cybersecurity (CC) -ISC2
- Cisco Certified Ethical Hacker - Skill for All Cisco
- CCNA - Netcad (reading)
- Cisco Certified CyberOps Associate - Netcad (reading)
- CompTIA Security Plus prep—Cybrary (reading)
- Cyber Security 101 - Try hack me
- Introduction to Cyber Crime - Great Learning Academy
- Web Design for Beginners—University of Moratuwa
- Introduction to Cyber Security - Cisco
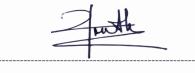- Titled Graphic Designer - TCTI

ACHIEVEMENTS

- Dean's List Award - 2nd YEAR 1st SEMESTER
- Dean's List Award - 2nd YEAR 2nd SEMESTER
- Global Top 5% - Try Hack me

EXTRA CURRICULAR & VOLUNTEERING

- Member - ISACA
- School Prefectship
- President of School IT Community
- President of School Debete team
- Karate Completed upto 7 KYU

I hereby declare that the above information is true, accurate, and up to date to the best of my knowledge and belief.

Signature