

# ASHEN ABEYSEKARA

## Cyber Security Undergraduate

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**SUMMARY** — I am a 20-year-old Computer Security undergraduate passionate about networking and cybersecurity. I enjoy staying current with new technologies and collaborating to solve problems. In my free time, I do bug bounties on Android applications, learn about web security, and participate in CTF challenges. I also enjoy coding and expanding my knowledge of programming languages. I am committed to creating innovative and effective cybersecurity solutions.

### SKILLS

**Security-Tools:** Linux, BurpSuite, Wireshark, Metasploit, Nmap

**Programming:** Python, JavaScript, Java, C, C#, SQL, PHP  
**Non-Tech:** Quick learner, Teamwork, Problem-Solving

### EDUCATION

#### BSc (Hons) Computer Security

Sep 2022 – Sep 2025

Plymouth University, United Kingdom

##### First-Year Modules

Intro to Computer Science - A  
Programming in C - A  
Mathematics for Computing - A(-)  
Database Management System - A  
Web Application Development - A(-)  
Computer Architecture - B(-)  
Data Structures & Algorithms - A(-)  
System Analysis & Design - B(+)  
OOP with C# - A

##### Second-Year Modules

Information Retrieval & Management - 69.50  
Software Engineering 2 - 64.20  
Introduction to IoT - 64.00  
Computing Group Project - 65.60  
Security Architecture & Cryptography - 80.60  
Computer Networks - 74.00

#### Foundation Programme for Bachelor's Degree

Sep 2021 – Sep 2022

NSBM Green University, Sri Lanka

Grades - A(+)-4, A-3, B(+)-3

#### GCE Ordinary Level

Jan 2010 – Dec 2020

DS Senanayake College, Colombo, Sri Lanka

Grades - A-4, B-2, C-3

#### Certifications

Cisco - Endpoint Security  
LinkedIn - Cybersecurity Awareness: Cloud Security  
LinkedIn - Cybersecurity Foundations: GRC  
Cisco - Networking Devices and Initial Configuration

Cisco - Networking Basics  
Security Blue Team - Dark Web Operations  
Security Blue Team - Vulnerability Management  
TryHackMe - Web Fundamentals

### PROJECTS

#### Advanced Key Logger

- Developed an advanced key logger capable of sending emails, gathering computer information, clipboard contents, collecting audio from the microphone, and taking screenshots.
- **Languages Used:** Python

#### UpTime

- Developed a predictive maintenance system for diesel generators using different types of sensors. Developed a mobile app to show the analytics of the generator that was sent to the database from sensors.
- **Languages Used:** C++, Dart, Firebase, SQL

#### Basic Reverse Shell

- Created a basic reverse shell to access my PC from a Kali Linux machine.
- **Languages Used:** C

#### File Integrity Monitor

- Implemented a file integrity monitoring tool with a C# GUI to track unauthorized changes to critical files.
- **Languages Used:** PowerShell, C#

### VOLUNTEERING AND SOCIETIES

- **CSSL GenZ of NSBM** - Assistant Secretary of Events (2023-2024)
- **CSSL GenZ of NSBM** - Vice President (2024-2025)

- **Student Member** - Computer Society of Sri Lanka
- **NITC 2023** - Organizing Committee

### REFERENCES

#### Mr. Isuru Sri Bandara

Lecturer in Department of Network & Security  
NSBM Green University  
Tel: +94 77 661 6329  
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#### Mr. Chamara Dissanayake

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