

## AISHA IRFAN

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## SUMMARY

A passionate cyber-security enthusiast with the dream of protecting the cyberspace.

## CERTIFICATIONS

Google IT Support (In Progress), SAP Cybersecurity Engineering Virtual Internship

## EDUCATION

**National University of Computing and Emerging Sciences, Islamabad** **2020 – Current**

*Bachelors of Science, Cyber Security*

## WORK EXPERIENCE

**Cyberspace Legion Society, NUCES, Islamabad**

**September 2022 – Current**

*Blue Team Trainer*

- Training new talent to be equipped with the necessary skills required for blue-teaming and cyber-defense.
- Hands-on training with digital forensics suites, like Belkasoft Evidence Centre X and Autopsy and also SIEM solutions.

**THINCSCORP, Dubai, UAE**

**July 2022 – October 2022**

*Cyber Defense and Network Security Intern*

- Risk management
- SIEM deployment with IBM QRadar
- Research on network security infrastructure

## TOP PROJECTS

### Innocent Shell

*Obfuscated reverse shell payload generator and reverse TCP listener*

### Spellbound

*Botnet framework with a payload generator and C2 Server*

### GCP Compute Engine

*A blog on creating and accessing a Compute Engine instance on Google Cloud Platform*

### Malware Analysis

*Complete report for the static and dynamic analysis of 5 different malware samples*

### AES-256

*A complete python-based implementation of 256-bit AES for file encryption and decryption*

### **Designing VPN for site-to-site security**

*Design and simulated implementation of IPSec in both tunnel-mode and transport-mode, to help organizations achieve confidential communication.*

### Candy Crush x86 Assembly

*A simple candy crush-like game in 16-bit assembly language with a few bonus features.*