Muhammad Zaim Akhtar

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Portfolio: Cyberfolio

GitHub: pin-z (github.com)
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Profile

A dedicated cyber security student who is eager to learn new skill and explore new horizons. I'm interested in both defensive and offensive security and I have a passion for solving complex problems. Although, I believe in self learning, I am currently pursuing a bachelors degree in cyber security at Air University Islamabad. Good at Programming, Network Security, Digital Forensics and Web Application Security.

Research interests

Denial-of-Service Attacks and Defenses; Social Cybersecurity; Easy to Deploy Anonymous Communication; Security and Privacy Implications of Combined Use of Tor and VPN; Android Security .

Education

Air University Islamabad — Islamabad, Pakistan
BS (Hons) in Cyber Security — Sept. 2021 – Present
Current CGPA 3.41 — 6th Semester

Punjab College (BISE Bahawalpur) — Rahim Yar Khan, Pakistan
Intermediate in Computer Science — May 2018 – June 2020
Grade: A — Passed

Skills

Tools

Linux, Burpsuite, OWASP Zap, Wireshark, Express JS and MongoDB.

Programming

Proficient in: C++, Javascript and Phython

Familiar with: C, Bash, PHP and Assembly (msam).

Courses

Network Security; Web Application Security; Google IT Support; Backend Development and APIs; Scientific Programing with Python; Data Structures and Algorithms; Reaserch Methodologies

Projects

IoT Security Awarness and Training Platform

An interactive platform that educates users, developers, and administrators about IoT security best practices. Include simulations of common attack scenarios and preventive measures.

Gmail Phishing Application

A Web Application Application Demonstrating gmail phishing by sending phishing emails and collecting user credentials.

PyShredder: Secure Shredding Tool

PyShredder is a Python-based desktop application that securely shreds files and folders, making data recovery virtually impossible. It provides multiple shredding methods, including the 3-pass DoD method, Gutmann method, random overwrite, and hybrid shred.

K-ary Leftist Heap DS

Implementation of a max k-ary heap data structure and further implementing sorting algorithms using this data structure and making a priority Queue using this heap in C++ Programming Language.