

Muhammad Zaim Akhtar

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Citizenship: Pakistan (South Asia)

GitHub: [pin-z \(github.com\)](#)

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Profile

A dedicated cyber security student who is eager to learn new things 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. Just completed my first insternship in Node JS Backend Web Development.

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

Online Messaging Web App

Worked on this project during my internship with internee.pk, few technologies I learned and used in this application are Socket.io, Passport JS and Retire JS.

IoT Security Awareness 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.

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.

Languages

Urdu	Mother tongue
Punjabi	Second Mother tongue
English	IELTS band: 6.5 (2020)