

# Nofil Qasim

## Computer Science Student

Passionate about coding and Computer and Networks Security. Specifically interested in conducting research on malware, and binary and kernel exploits.

Lahore (54000)

Punjab, Pakistan

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## EDUCATION

### BACHELOR OF SCIENCE

Computer Science  
PUCIT - University of the Punjab  
2019 – 2023  
CGPA: 3.47/4.00

### A LEVEL

Lahore Grammar School  
2017 – 2019  
1 A, 3 B

### O LEVEL

Aitchison College  
2007 – 2017  
2 A\*, 7 A

## SKILLS

### OS

GNU/Linux, Windows + WSL

### LANGUAGES

C/C++, Python, Java, Visual Basic

### TOOLS

Ghidra, Radare 2, GDB

### OTHERS

Reverse Engineering, Git,  
Malware Analysis, LaTeX,  
DFIR, VS Code, Vim

## COURSES

### Malware Analysis

TRYHACKME

### Incident Response and Forensics

TRYHACKME

### Introduction to Intel® Distribution of OpenVINO™ toolkit for Computer Vision Applications

INTEL | COURSERA

## WORK EXPERIENCE

### 07/2021 – 09/2021 Systems Limited

Intern

Department: Cyber Security

### 02/2021 – 06/2021 PUCIT

Undergraduate Teaching Assistant

COMPUTER ORGANIZATION AND ASSEMBLY LANGUAGE

Lab Design and Grading

Assignment Design and Grading

Lab Invigilation

### 11/2019 – 12/2020 Fiverr

Freelance Developer and Teacher

Programming

Teaching

5 Star Rating

## ACHIEVEMENTS

### 2018 ARSSDC

Runner Up

LAHORE GRAMMAR SCHOOL (TEAM EFFORT)

Designed the automation and IT security plan for the space settlement

### 2018 AMES Space Settlement Design Competition

3rd Place

LAHORE GRAMMAR SCHOOL (TEAM EFFORT)

Designed the automation and IT security plan for the space settlement

## PROJECTS

### 12/2019 – PRESENT Capture the Flag Team

Cyber Security

Experienced in Jeopardy Style CTFs

Experienced in Binary, Reverse Engineering, PCap, Crypto, Web and Misc

Participation in Multiple CTFs

Active on CTF Time

### 06/2019 – 07/2019 Discord Bot

Python

Uses youtube-dl, discord.py and asyncio

Full Music Functionality and Queue and Loop Implementation

### 11/2020 Hack Assembler

C

Assembles Hack Assembly into Hack Machine Code

Two Pass Assembler

Uses properly managed File Handlers, Data Structures, Structs and Dynamic Memory

## LANGUAGES

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English	Bilingual
Urdu	Native

## ORGANIZATIONS

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02/2021	<b>PUCIT Cyber Security Society (Cyber@PU)</b>	PUCIT
	CO-FOUNDER	
02/2021	<b>Google Developer Student Club</b>	PUCIT
	DEVELOPER LEAD - CYBER SECURITY	
02/2021	<b>BSides Pakistan</b>	BSides
	UNIVERSITY LEAD	
	Helping spread awareness about IT security and empowering students to join the security field	