EDUCATION AND TRAINING
Bachelors Of Science
National University of Computer and Emerging Sciences (FAST)
[09/2020 06/2018]
Address: (Pakistan)

WORK EXPERIENCE

Tier-2 Senior Member
COLAB Research Lab FAST NUCES Peshawar Campus [2020-2022]

Graphic Designing Head
IEEE FAST NUCES Peshawar Campus [2021-2022]

Lead Management Team
IEEE FAST NUCES Peshawar Campus [2021-2022]

Lead Managment And Event Organizer
Microsoft Learn Student Ambassador Society FAST NUCES Peshawar
[2021-2022]

General Videography Memeber
ACM Student Chapter FAST NUCES Peshawar Campus [2022-2023]

Lead Moderator and Event Organizer
Project X Roleplay Pakistan [2020-Present]

LANGUAGE SKILLS
Mother tongue(s): Panjabi, Urdu
Other language(s):
English,Pashto
LISTENING C1 READING B2 WRITING B2
SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

DIGITAL SKILLS
My Digital Skills

I posses experites in following Programming Languages(C, C++,
Cuda, Python, Java,)

In Web Development, i've worked on (Javascript, NodeJs, MySQL,
NoSQL(mongodb), Php, Html, CSS, Bootstrap, Wordpress/Wix(With
Plugins))

I've a handy experience of Web Scrapping by using the 3 mainly

used tools (Selenium, Scrappy, Complete BeautifulSoup Library Working)

DevOps has been my most favourite sector in Computing. I've worked on (Git (Version Control), Github, Docker, Kubernetes, Jenkins, Terraform)

I've implemented DevOps techniques on Cloud using various Cloud Computing Technologies(Amazon Web Services(EC2, RDS, S3 Buket, Load Balancer, Auto Scaling, Security Groups, Virtual Private Cloud), Microsoft Azure)

Keeping the DevOps as secondary, i've my primary intrests in implementing different Artificial Intelligence Techniques. So far, i've worked on (Machine Learning, Artificial Neural Networks, Genetic Alogorithms, Local Search Algorithms, Logistic Regression, Model Training, Natural Language Processing, Computer Vision, KNN, K-Means, Pandas, Numpy) and still exploring new technologies

Just like any new person in Computer Science i'had a keen intrest in implementing Cyber Security Techniques. Due to this, i've hands on practice of (Networking, Cryptography(Encryption Algorithms and Standards), Penetration Testing(Nmap, Wireshark, HashCat, Legion, Sparta, Social Engineering Toolkit, Burp Suite, Aircrack-ng))

When it comes to Operating Systems, i prefer to use linux i.e Windows just for Video Gaming. Since 2004, i've used following operating systems (Linux(Manjaro, PopOS, Xubuntu, Lubuntu, Ubuntu, SteamOS, Kali Linux, Linux Mint), Windows 98, Windows Xp, Windows Xp Vista, Windows 7, Windows 8, Windows 8.1, Windows 10, Windows 11)

Just like any new comer to Computers, i've worked alot in Microsoft Office Products including (Word, Powerpoint, Excel)

From the day, i started my journey with Linux, to present. I'm using Libre Products as my daily driver for notes, presentations, e.t.c I've widely used Libre (Writer, Impress, Draw, Math, Office)

As i'm using Linux for 7 years now. I'm fully able to do (Networking, Administration, SSH, Groups (Owner, Users, Others), Shell Scripting)

I'm using the Adobe products since 2011. I've used the following three mainly for Graphic/Video Designing and Audio Balancing (Photoshop, Audacity, Premiere)

As a Computer Science Student. We had to do our assignments in (Latex). So i've a quite handy experience with Latex.

COMMUNICATION AND INTERPERSONAL SKILLS:

[Lead Graphic Designer at IEEE FAST NUCES PESHAWAR]
Lead the Graphics Team at University Level Competitions

[Presentations Planner at COLAB Research Lab]
Planned and arranged a number of presentations for the General Students of the university

[Lead Event Organizer at Microsoft Student Learn Ambassador Society Core Event in FAST NUCES PESHAWAR]
Lead the Major Debate Competition Section of the Event

[General Video Graphics Creation at ACM Campus Society]
Created a wide number of Introduction Videos of Major Events. Also handled the post video creation portion of the various competitions in FAST Peshawar campus.

[Event Management At Project X Roleplay Pakistan]
Virtually, i've managed a number of Events in the biggest roleplay community of Pakistan as a Moderator.

NETWORKS AND MEMBERSHIPS
Been a Member of ACM (Association For Computing Machineary)

Been a Member of MLSA(Microsoft Student Learn Ambassador) Student Chapter

Been a Lead at IEEE

Been a Tier-2 Senor Member at CoLab Research Lab

Still am a Moderator (Staff Member) of Biggest Virtual Roleplay Community Of Pakistan (Project X)

PROJECTS:

Deployment Of Static Website On AWS using S3 Bucket

Deployment Of Dynamic Website On AWS using EC2 Instance and RDS Database

Implemented The Microservices Architecture To Our University Managment System Project Of Semester 2

Deployed the Front-End and Back-End Application using two Separate Containers with one having the front end (html/css) and other having the backend (FLASK)

Deployed a Scalable application by using the Kubernetes Technology to test out the reliability.

Deployed an Application recently, which works on the CI/CD pipeline using Jenkins. The codes are pushed on GitHub with proper versioning (Git) and then are automatically tested in the application

Currently working on a Hospital Management System Project Deployment using IOT and DevOps Techniques on Microsoft Azure

Deployed A Static Website For Our Peshawar Local Resturant as a Semester Project

Deployed the Wordpress and Wix Sites for the same Project and did the pro/cons comparison for both

Tested the whole brute-force proceedure using Air-Crack-Ng in linux

Carried out the penetration-testing using various tools in Kali-Linux and Github Repositories last month. i.e. This includes the information gathering (nmap, wireshark) to exploitation (legion, sparta, aircrack-ng, social-engineering-kit) on a virtual vunerable machine in my virtual box

Recently completed a ANN-Classifier Project on a two datasets, following the pipeline from data preprocessing, merging the datasets, normalizing the data to applying the classifier models and observing the results.

Implemented the Genetic Alogrithm in Python using Numpy and Pandas on a USE CASE.

Completed the Scratch Implementation of KNN, ANN and K-Means Clustering in last semester

Currently, working on a Final Year Project which is based on the Digitization Of Prescriptions Using The NLP Techniques.

Developed a basic Music both written in Python for a Discord Server

Recently, tested the varoius techniques of SSH i.e Between Local Systems and between local and cloud systems as well

I'm a linux administrator as well with a quite decent hands on practice of shell scripting and Linux Commands, thanks to my 7 years of working with linux

Built a Selenium project recently which Deals with Multiple Pages using Selenium (Amazon Audible Bot)

Built another Selenium project that perform Infinite Scrolling & Login (Twitter Bot)

As i'm working on Web Scrapping these days, so i recently completed a project of Building Crawlers with Scrapy

Similary i've Scraped JavaScript websites using ScrapySplash

I forget to mention about my Library Managment System Project. I alongside my friend completed the system during our Semester 6. We've completed the front-end by using HTML,CSS,JAVASCRIPT, we used the Php for the API purpose and SQL in the back-end for query handling. It was the first time, that we've used the AJAX in Javascript in our Project. This was the thing due to which our project was standing apart from the others.

I've completed a number of Graphic Designing Tasks (Used Adobe Photoshop) and Video Graphics Tasks (Used Adobe Premiere)

In the last month, i've completed my Internship at CODSOFT, i've created the 3 projects including Dynamic Calculator, Dynamic To-Do-List and Dynamic Schedule for them

I've completed the internship of Industry IIOT 4.0 with Automation Play Network which was based on the completion of

Automation Tasks.

Three Months back, i've completed by Internship with the PAC (Pakistan Aeronautical Complex). It was truly a great experience. I get to know about the working, hardware, software systems of Fighter Jets.

When it comes to Programming Languages and Programming Skills, i've completed a large number of both small and large projects. My expertise are in Python, C++, C and CUDA. I'm learning Java these days.

HONOURS AND AWARDS

Internation Mathematical Kangaroo Competition
Got 8th position at International level out of 1000 students.

Bronze Medal Holder
Got the Bronze Medal during the 6th grade for securing the Third Position in the Class

Web Development Internship At CODSOFT
Recently i've been awarded with the Internship Completion Certificate on successfully completing the Web Development projects.

Pakistan Aeronautical Complex Internship
Two months back, i've completed the physical internship at Pakistan Aeronautical Complex Kamra. It was a great learning experience. I've been awarded with the successfull completion certificate for the Internship

Industry IIOT 4.0 Internship At Automation Play:
I've completed the Industry IIOT Internship 4 months back. I recently got two certificates. One for the successfull completion of the Internship Program and second for the additional completion of IIOT 4.0 Course.

Python Programming Internship At CODSOFT:
In this month, i was again working with the CODSOFT. During this time, i've completed 4 major Python Projects for them. Due to which i've been awarded with the appretiation Certificate by them

Recommendation Letter From Professor Muhammad Waqas:
On securing the top position during my Data Structure Core Course

with professor Muhammad Waqas. I've successfully achieved the recommendation letter from him as a vouch for my performance.

Recommendation Letter From Professor Dr Muhammad Hafeez Ur Rehman:
On securing A- Grade during my Artificial Intelligence Core Course with professor Dr Muhammad Hafeez Ur Rehman . I've successfully achieved the recommendation letter from him as a vouch for my performance.

Recommendation Letter From Professor :
On securing B Grade during my Design And Analysis Of Algorithm Core Course with professor Fazle-Basit. I've successfully achieved the recommendation letter from him as a vouch for my performance.

Recommendation Letter From Professor Dr Noman Azam:
On successful completion and well behaviour during my course of Discrete Structures Core Course with professor Dr Noman Azam. I've successfully achieved the recommendation letter from him as a vouch for my performance.

Recommendation Letter From Miss Salma Kalsoom:
On securing A- Grade during my Operating Systems Core Course with Miss Salma Kalsoom. I've successfully achieved the recommendation letter from him as a vouch for my performance.

Recommendation Letter From Miss Sana Jehaan:
On securing B+ Grade during my Theory Of Automata Core Course with Miss Sana Jehaan. I've successfully achieved the recommendation letter from him as a vouch for my performance.

Recommendation Letter From Professor Dr Muhammad Nauman:
On securing A+ Grade during my Numerical Computing Core Course with Professor Dr Muhammad Nauman. I've successfully achieved the recommendation letter from him as a vouch for my performance.

Recommendation Letter From Professor Shakir Ullah Shah:
On securing A- Grade during my Computer Organization And Assembly Language Core Course with Professor Shakir Ullah Shah. I've successfully achieved the recommendation letter from him as a vouch for my performance.

Recommendation Letter From Professor Dr Usman Abbasi:
On securing B Grade during my Graph Theory Core Course with

Professor Dr Usman Abbasi. I've successfully achieved the recommendation letter from him as a vouch for my performance.

Recommendation Letter From Professor Sohaib Khan:
On securing B+ Grade during my Database Systems Core Course with Professor Sohaib Khan. I've successfully achieved the recommendation letter from him as a vouch for my performance.