Ahmad Arif

Computer Scientist

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About

Enthusiastic computer science student eager to contribute to team success through hard work, attention to detail and excellent organizational skills. Eager to learn, have clear understanding of projects and training in programming interests me. Motivated to learn, grow and excel in development industry.

Captivated by problem solving with creativity, like being socially active and communicating properly with ideas, believe that through proper communication and with social groups of similar interests, anyone can achieve progress but with socializing with people outside of field can help achieve wonders in software development and other fields with traffic of different co-related ideas.

Education

Pre-Engineering   Sep 2016 - Jun 2018
KIPS College, Multan
I pursued pre-engineering in my college with the ambition to follow computer science as my degree program. I engaged in sports and events to sharpen my thinking skills and learn management.

Bachelors in Computer Science   Sep 2019 - Jun 2023
National University of Computer and Emerging Sciences, Islamabad
Eager to have work on technology , I have been able to learns skills as well as polish them through the course of time with the help of my university projects and free lancing.

Projects

Hash and Routing Tables using Data Structures   Nov 2020 - Dec 2020
NUCES FAST, Islamabad
A circular Hash and Routing Table using linked lists at different nodes to find a key to respective data elements using Data Structure implementation.

Database Implementation and Handling   Apr 2021 - May 2021
NUCES FAST, Islamabad
Implementation and handling of database using .csv file on SQL and Mongo DB and creation of local website using HTML5 and CSS.

Network Routing on CISCO Packet Tracer Instructor   Nov 2021 - Dec 2021
NUCES FAST, Islamabad

Website

LinkedIn
linkedin.com/in/ahmadaarif

GitHub
github.com/ahmadaarif

Skills

C/C++

Python
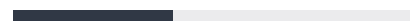
Object Oriented Programming
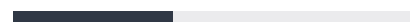
Java

Linux

SQL

MongoDB

HTML/CSS/PHP

JavaScript/React

WordPress

AutoCAD

Microsoft Office

Routing of networks and servers using static and dynamic IP addresses, connecting of networks over a wider area in using EIGRP, OSPF and RIP routing. Implementing NAT, Access link and blocking on different nodes.

Exam Management System
Nov 2021 - Dec 2021
NUCES FAST, Islamabad

Implementation of Exam Management System (EMS) using C++ and UI on terminal utilizing design and analysis skills.

B2B E-Commerce
Apr 2022 - Present
NUCES FAST, Islamabad

Development of B2B Commerce app and website using python, flutter and SQL.

TORCS - The Open Racing Car Simulator
Apr 2022 - May 2022
NUCES FAST, Islamabad

Creation of dataset and running the car based on sensors and actuators available in the dataset, automatically.

Distribution of matrices multiplication into processes using OpenMPI
Apr 2022 - May 2022
NUCES FAST, Islamabad

Calculation of matrices using OpenMPI in Parallel and Distributed Computing.

Internships

Accounting and Management Representative
Jun 2018 - Aug 2019
Care Technologies, Multan

Worked in accounts and management for Care Technologies: a water filtration distribution company.

Extracurricular activities

Finance Director
Jul 2017 - Jul 2017
GamingAsylum'17, Multan
Worked as a finance director in a gaming event.

Member of the Community
Sep 2021 - Present
Yaar Chalo, Islamabad

Yaar Chalo is a travelling community and we have successfully taken 4 trips as of yet and hope to take more. I have been able to learn management, responsibility, communication, problem-solving, multi-tasking and understanding of things to overcome problems.

Security Coordinator
May 2022 - May 2022
Nascon'22, Islamabad
Worked in university event as a Security Coordinator.

Team Member
Feb 2022 - Jun 2022
Self, Islamabad
Worked as a team member in HackFest event. The event was our semester project and we were able to execute it successfully.

Interests

■ Data Science

■ Cloud Computing

■ Data Mining

■ Cyber Security

Qualities

■ Responsible

■ Multitasking

■ Problem Solving

■ Understanding

■ Management

Languages

Urdu

English

Hobbies

■ Creative Skills/Problems

■ Cooking

■ Sports

■ Amateur Astronomy