Hamza Iqbal

Undergraduate Computer Scientist

I am an ambitious and diligent Computer Scientist with a passion for software development. I possess strong technical aptitude, problem-solving skills, and analytical thinking. Throughout my academic career, I have consistently demonstrated leadership qualities, achieving the best possible results in various projects. I am committed to staying up-to-date with the latest technological advancements and look forward to contributing my expertise to innovative projects.

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EDUCATION

Bachelors Computer Science
FAST NUCES Islamabad

08/2020 - Present   *Islamabad, Pakistan*

FSc (Intermediate)
The Crescent College

09/2018 - 05/2020

SKILLS

DevOps   AWS   Critical Thinking   C/C++

C#   Java   HTML/CSS   JavaScript   SQL

React   Mongo   Python   assembly

.NET framework   Docker   People Management

Leadership   Bootstrap   Canva   Cisco

PERSONAL PROJECTS

BUS MANAGEMENT SYSTEM - WEB APPLICATION (04/2023 - 05/2023)
- Launched a complete bus transport and reservation using MERN stack with complete functionality and operations as a semester project. Project was nominated for best project of the semester
- https://bus-reservation-system.vercel.app/

IMPLEMENTATION OF HUDOOP USING MPI ON CLUSTERS (05/2023 - 05/2023)
- Implemented hudoop fuctionality (inc Mapper Reducers Shuffler with ky values) usign MPI in linux on cluster

CHESS GAME (01/2023 - 01/2023)
- Developed chess using AI in Python language that followed all constraints and generated optimal results.

COMPUTER NETWROK IMPLEMENTATION SYSTEM (08/2022 - 08/2022)
- Constructed a running network using Cisco Packet Tracer performing IP, Subnet, DNS configuration and redistribution using RIP, EIGRP and OSPF protocols.

CANDY CRUSH GAME (08/2021 - 08/2021)
- Designed and developed in Assembly Language using DOSBOX

LUDO GAME (12/2020 - 12/2020)
- Applying programing and OOP principles to design and develop using C++

WORK EXPERIENCE

Frontend Developer-Intern
PARALLEL COMPUTING NETWORKS LAB - FAST

09/2022 - Present   *Islamabad*
Designed and Integrated a free lancer website
Achievements/Tasks
- Worked as a software engineer (made SDs,SSDs,ERDs and frontend)

Intern at Sunrise Special School
Sunrise Special School

ACHIEVEMENTS

President of FAST SOCIETY OF ARTS (09/2022 - Present)
Society of Arts is the biggest society in FAST. During my tenure I have conducted many successful events, worshops and seminars on Conventional and 3-D Arts.

AWS Cloud Practitioner (03/2023 - Present)
Learning AWS Practitioner

Admin Lead for GOOGLE DEVELOPERS' STUDENT CLUB - FAST (09/2022 - Present)

Secratary Media Department for NASCON'23 (02/2023 - 03/2023)
NaSCon is the flagship event of FAST Islamabad. Main achievement during my tenure was developing a website for university

Commissioned Artist (Startup)
I have made many paintings on orders(Currently running business online)

Conducted Gala Fest Crescent College at national level as a Curator (03/2019 - 04/2019)

LANGUAGES

English
Full Professional Proficiency

Urdu
Full Professional Proficiency

INTERESTS

Cricket   Arts   Sketching   Programming