



# Qaiser Hussain

📍 **Home :** Hamdani Town, Alipur, Islamabad , Pakistan

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**Gender:** Male **Date of birth:** 6 Aug 1997 **Nationality:** Pakistani

## EDUCATION AND TRAINING

[ 1 Feb 2016 – 7 Jul 2020 ]

### Bachelor of Science in Software Engineering

*Comsats University Islamabad*

**Address:** Islamabad, Pakistan

[ 1 Jun 2012 – 3 Jun 2014 ]

### Higher Secondary Education

*Public School and College Skardu*

**Address:** Skardu , Pakistan

## WORK EXPERIENCE

[ 6 Mar 2021 – 14 Jul 2022 ]

### Front-End Developer

*HSNA TECHNOLOGIES*

**Country:** Pakistan

- Plan and design the structure and design of web pages
- Develop website features that can enhance the user experience
- Implements design on mobile websites(dynamic)

## PROJECTS

[ 2019 – 2020 ]

### Destination Pakistan (Final Year Project)

A web-based project for the tourism community in Pakistan and to facilitate the tourists. Specific modules were developed for the user of hotels, transport services and tour agencies where they can list their services and offerings. The project helps tourists by providing the information which assists them to plan their trips and vacations by just typing the name of destination in the search bar and it shows all the details of best hotels, transport and tour operators. SE core courses are covered in the documentation phase from Requirement Engineering to Software Testing during whole project. The front end is developed in HTML5 and CSS3 using Bootstrap CSS framework. JavaScript is also used for validation purposes and restrictions in the front end. AJAX is also used for effective works. For the backend latest version of PHP is used.

### Breast Cancer classification

We performed the Breast Cancer classification project by training a machine learning model in which it accurately classify the dataset in the form of image histology as benign or malignant. We collected the dataset from Kaggle which contain large patches of images and then used the Deep Learning algorithm (CancerNet) to train it in our images. With the help of confusion matrix in Python, we have acquired the accuracy and performance of our model.

### Chatbot (AI)

Developed a Chatbot using Python that uses natural language processing to respond to user messages. The Chatbot is able to answer questions, provide information, and perform tasks based on predefined responses. It has been created using AIML, pip, flask and Python Trainer.

## Course Management System using Web based technologies

Web based project using HTML, CSS, Bootstrap, PHP, JavaScript and MySQL. Implemented a part of subsystem(module) where a student can see all courses offered and hence able to register the courses. Once the courses registered, could be able to see the quizzes, assignments, marks obtained and attendance of the respective course.

## Car Parking Management System

OOP (ObjectOriental Programming) based project using Java in order to facilitate the Car parking management users. Developed a car parking management system that includes features such as parking spot reservation, entry and exit management and payment processing.

## ONLINE COURSES

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### Programming for Everybody (Getting Started with Python) | Coursera

- Basics of the Python programming language
- Understanding of variables to store, retrieve and calculate information
- Utilization of core programming tools such as functions and loops

### Machine Learning | Coursera

- Introduction to machine learning, datamining and statistical pattern recognition
- Topic covered: Supervised learning, unsupervised learning
- Best practices in machine learning

## PROGRAMMING SKILLS

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### Languages

Java, JavaScript, Python, MySQL

## COMMUNICATION AND INTERPERSONAL SKILLS

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### English (IELTS)

- S: 6.5 L: 6.5 R: 6.0 W: 5.5 Overall: 6.0

## CONFERENCES AND SEMINARS

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### Insightful session on free lancing and internet based training (Seminar) by IDEA

Islamabad, Pakistan

Freelancing training include graphic designing, website development and design, android applications, SEO, content writing, programming, software developments and digital marketing skills for the students to learn and meet their educational expenses.

### 2019 INTERNATIONAL BLOCKCHAIN OLYMPIAD (IBCOL) - PAKISTAN by RNS Solutions (Seminar)

Comsats, Islamabad

Block Chain introduction, ideas and top block chain projects from all over the world.