

# Asfar Waheed

## Software Engineer

I have a Bachelor of Science in Electrical Engineering (Major in Computer Science). I'm highly interested in technologies related to the fields of software development and artificial intelligence. As a fresh graduate, I am eager to gain practical experience in a professional setting where I can contribute my skills and grow as a developer. I am open to opportunities that allow me to work on diverse projects, expand my skill set, and contribute to the success of a dynamic team.

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## EDUCATION

### Bachelor of Science in Electrical Engineering

University of Engineering and Technology,  
Lahore UET(Lahore)

08/2019 - Present

3.1 CGPA

Courses

- Data Structures & Algorithms
- Machine Learning
- Data Base
- Operating systems
- Computer Networks
- Microprocessors

## SKILLS

Python Programming Language

Data Base

Object Oriented Programming

Html

Css

Data Structures & Algorithms

MySQL

PHP

Machine Learning Algorithms

JavaScript

Deep Learning

Natural Language Processing (NLP)

Python Flask

Responsive Web Design

Pytorch

## PERSONAL PROJECTS

### Library Management System using Python

- Based on the concept of OPPs. It allows students to look at the present books and borrow or return a book. The system enables the administrators to add new books to the library.

### GYM Website

- Made using html/css and php on the back end. It contains the registration form which will be filled out by the people who want to join. The data will be saved on the back end and the owner will have data of all gym members.

### Personal Blog

- Used Html, CSS, and JavaScript for creating multiple front-end pages. Used Python Flask as backend framework and connected MySQL database comprising multiple tables in order to post new projects and enable users to give their feedback on the projects.

### Text Classification using CNN Model

- First, we preprocessed the open-source data set provided by PyTorch. The CNN model contained three hidden layers. The model was fully trained on the data set and gave an accuracy of 90 percent on the testing set.

## WORK EXPERIENCE

### Trainee Engineer

MK Engineering Works

07/2021 - 09/2021

Lahore, Pakistan

M.K ENGINEERING WORKS was established in 2002 & started manufacturing H.T and L.T. Switch-gear, Transformers.

Achievements/Tasks

- Data Analysis
- Data Collection
- Testing LV, HV panels
- Documentation

## ORGANIZATIONS

IEEE University of Engineering & Technology KSK  
(09/2019 - 10/2022)

Vice President

## CERTIFICATES

Python (Simplilearn)

Python Basics (Data Camp)

SQL Basics (Great Learning)

SQL Intermediate (Great Learning)

Machine learning (Simplilearn)

Deep Learning (LinkedIn Learning)

## LANGUAGES

English

Professional Working Proficiency

Urdu

Native or Bilingual Proficiency

Punjabi

Professional Working Proficiency

## INTERESTS

Reading

Content Writing

Coding

Technology

AI

Data Science

Machine Learning

Development