

Imran Malik

Software Developer/Engineer

A highly motivated person who is passionate about Software development and is always eager to learn and grow. Experienced in both Web development and Data Science/ML Field.



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EDUCATION

Bachelors of Computer Sciences National University of Computer and Emerging Sciences. (FAST)

2016 – 2020

Specialized Courses

- Data Science
- Entrepreneurship
- Project Mangement
- Advanced Programming
- Artificial Intelligence
- Web Development
- Software Engineering
- Computer Vision
- Computer Programming
- Data Structures

Intermediate (Pre-Engineering) Forman Christian College

2014 – 216

Courses

- Mathematics
- English
- Physics
- Chemistry

Matriculation American Lyceum

2014

Courses

- Computer Science
- English
- Mathematics
- Physics/Chemistry

WORK EXPERIENCE

Data Science Research Project Intern Wimetrix - Industrial Data Intelligence

2019 – 2020

Hands on experience on an Industrial Research and Development Project in collaboration with the Data Science Department

Project Description

- Automated Fabric Fault Detection System lies in the domain of Computer Vision and Deep Learning. Its use to automate the Quality Inspection Process of a fabric production line and detect faulty articles of Fabric in real time

Supervisor: Ahmad Mujtaba – mahmadmujtaba@wimetrix.com

Web Development Intern NetSol Technologies

05/2019 – 08/2019

Summer Intern for the biggest IT Company of Pakistan specializing in Auto-leasing and Financing

Achievements

- Performed SQA for the global as well as international Platforms of Netsoltech.com
- A leading part in successfully upgrading the local website of Netsoltech.pk from a wordpress platform to a php/laravel platform.

Supervisor: Farhan Akhter – farhan084@yahoo.com

SKILLS

Python/C++/Java

Object Oriented Programming

Data Science and Analytics

Deep Learning

Web Development

Problem Solving and Analysis

Matlab/LogicWorks

Design Patterns and Algorithms

Databases (Sql/Firebase/MongoDB)

Networks

PROJECTS

Automated Fabric Fault Detection System (Final Year Research and Development Project)

- Using a state of the Art Keras Deep Learning CNN model, the architecture is designed to automate the Quality Inspection Process of a fabric production line and detect faulty articles of Fabric in real time, also supporting a full stack website.

Stock Market Prediction using Machine Learning

- Regression on a trained LSTM neural network. Pandas, keras and TensorFlow were used and coded in python

Ticket House (Online Ticketing Website)

- A traditional e-commerce setup. Developed with MERN Stack

The Final Solution (Software Engineering Project)

Library Management System (Java/Sql)

Brick Breaker Game in Assembly x86

Space Invaders in C++

Rubic's Cube Solver in C++

ORGANIZATIONS

NetSol Technologies

Development Intern

Softec'17 & 18

Volunteer

Fast Music Society

Event Coordinator / Musician

INTERESTS AND HOBBIES

Data Science

AI/ML

Tech Ventures and Trends

Deep Learning Research

Business Venture

Gaming/Sci-fi movies

Travel/Music Playing (Guitar)