Muhammad Hamza

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To work in a growth-oriented organization which provides a wealth of experience and constant intellectual stimulation and helps me to utilize my strengths for the fulfillment of the organization's objectives.

EDUCATION

○ **Bachelors in Computer Science**
National University of Computer and Emerging Sciences

08/2016 - Present   *CGPA 3.16*

TERM PROJECTS

Crystal Recognition using Deep Learning (FYP)
- Image classification using Deep Learning
- Trained Deep learning model over half million Images
- Achieved accuracy of 87%
- Integrated with a Cross Platform app built using Flutter

Image Classification (Spring 2020)
- Classified 20,000 Images using Machine Learning Model
- Achieved Accuracy of ~ 92%

Data Classification (Fall 2019)
- Cleaned big data of more than 1 lac tuples
- Applied Naive Bayes Classification Algorithm
- Achieved Accuracy of more than 90%

Requirement Gathering of Information System (Fall 2019)
- Applied Requirement Engineering processes to gather the requirements of Hostel Management System

Statistical analysis (Spring 2019)
- Applied Statistical analysis on Pakistan Suicide Bombing Attacks

Learning Management System for PhD students (Spring 2019)
- A Web project using php, html/css, javascript on Visual Studio Code

Complaint Management System (Spring 2019)
- A system for university to manage complaints of Students build using Java

Peer to Peer Chat System (Fall 2018)
- A C# wpf application for Peer to Peer Chat rooms where user can chat over text or video calls

Hospital Management System (Fall 2018)
- A C# windows form application

Proteins Clustering System (Fall 2017)
- Worked on a file containing data of 5000 to 10000 proteins in C++using Visual Studio
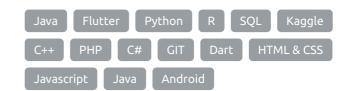- Applied Density Based Clustering

Monopoly (Spring 2017)
- A Game in C++ using SFML in Visual Studio
- Used concepts of OOP

Soduko (Fall 2016)
- A Game in C++ using Visual Studio

SKILLS

`Java` `Flutter` `Python` `R` `SQL` `Kaggle`
`C++` `PHP` `C#` `GIT` `Dart` `HTML & CSS`
`Javascript` `Java` `Android`

OPEN SOURCE PROJECTS

codezilla
One giant collection of algorithms & design patterns. I was awarded as Arctic Code Vault Contributor Badge by Github.

Library to handle large integers
A library for c++ to handle very numbers, which can't be handled by Primitive data types

FREELANCE PROJECTS

Auto Corp (06/2020 - 10/2020)
Worked as UI developer for a French Startup named Auto Corp

MD Textile App (08/2020 - 11/2020)
Developed an ecommerce cross platform application for a Malaysian Startup named MD Textile

GBNAACP App (01/2020 - 03/2020)
Developed an app for a USA based NGO named Greater Bridgeport National Association for the Advancement of Colored People (GBNAACP)

PUBLISHED ARTICLES

Stripe Payments in Flutter (03/2020)
Flutter Article published at Medium

Flutter: Use Google Calendar API — Adding the events to Calendar (08/2020)
Flutter Article published at medium and listed at official Flutter Medium Community

INTERESTS

`Reading Biographies` `Watching Biographies`
`Blogging` `Reading Quora` `Reading Articles`
`Music`