

# Muhammad Hamza

Software Engineer

✉ f168345@nu.edu.pk

☎ 03154965650

in [linkedin.com/in/muhammadhamza10](https://www.linkedin.com/in/muhammadhamza10)

## WORK EXPERIENCE

### Software Engineer Techleadz

08/2020 - Present

Lahore

#### Achievements/Tasks

- Worked collaboratively with a team on three different projects based on Laravel, Django and Angular.
- Worked Independently to create data visualizations in Tableau and analysis of data.
- Wrote multiple python scripts to automate different tasks.
- Worked on SharePoint REST API related tasks
- Deployed a complete web application based on Django and Angular on Amazon ec2 using nginx.

## EDUCATION

### BS(Computer Science)

National University of Computer and  
Emerging Sciences

09/2016 - 08/2020

3.00

#### Courses

- |                                 |                           |
|---------------------------------|---------------------------|
| - Object-Oriented Programming   | - Data Structure          |
| - Database Systems              | - Data Warehousing        |
| - Algorithm Design and Analysis | - Software Engineering    |
| - Human Computer Interaction    | - Artificial Intelligence |
| - Probability and Statistics    | - Data Science            |

### FSc(Pre-Engineering)

Kips College,Multan

01/2013 - 12/2015

## SKILLS

Python

Django

Angular

SQL

Tableau

Html

CSS

Javascript

Ajax

jQuery

Php

Laravel

PostgreSQL

Git

## PROJECTS

### Scholarship Spy(Django, Python, PostgreSQL)

- Scholarship spy is a recommendation system that helps users to find the best-suited scholarships according to their interests. It provides a single repository for scholarships and also facilitates the user by providing different search types.

### Student Management System(Laravel, Mysql)

- A general student management system that can used in any educational organization having three main modules.

### Student Research Portal(Bootstrap,Php,Mysql)

- A portal for Phd students to interact with teachers,selecting supervisor for their research and sharing their research with teachers.Teachers could also manage students.

### Edit-Distance Problem(C,OpenMp,Linux)

- Parallelized edit distance algorithm using OpenMp with significant speedup over serial implementation.

### Facebook Clone (C++)

- Implemented basic functionality of Facebook ( using data structure in C++) in which users could add friends, send requests, chat with other people and and see their post.

## LANGUAGES

English

Professional Working Proficiency

## TOOLS AND OS

Linux

Tableau

VS Code

Anaconda

Microsoft SQL Server

Sublime

Interbase

SQLite