



Name: Qasim Mehmood

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<https://qa5imm.github.io/>

EDUCATION

Lahore University of Management Sciences (LUMS)

BS Computer Sciences

**Relevant Courses:** OOP, Operating Systems, Data Structures, Network-Centric Computing, Blockchain, Advanced Programming, Machine Learning, Data Science, Database, Software Engineering.

Certifications/Trainings

- Web Development certification from Intuitive courses by Rohan.
- "Using Python to Access Web Data" by [University of Michigan](#).

EXPERIENCE

House Head - The Educators 2017 - 2018

- Remained house head of Discipline for a year.
- Worked for students' progress and well being in the house.

Event Head - LUMS Literary Society 2022 - Present

- Currently, I'm event head for Bethak- LLS flagship event.
- Happens every month where we invite people all the over university to showcase their literary skills.

Research Intern - CSaLT LUMS 2023 - Present

- I am conducting research in ML in [Dr Agha's](#) Lab.
- It revolves around machine learning models for investigation lab.

PROJECTS

Speaker Identification- ML model - [View Code](#) 2023

- It is a project under [HEC](#) and CSalt at LUMS
- Working on the web development and deployment of the ML model
- We're also making an api of the model that can be integrated in any system
- It is being developed using [Fast Api](#) and [React](#)

Eat@LUMS - [View Code](#) 2023

- A group project where we built a food delivery app for eatries at LUMS
- We used combination of Agile and Plan driven model
- It is implemented using MERN Stack
- Students can get their food delivered at their dorm without waiting in long queues
- Any Student can deliver the food and can charge for it

Sindh Dataset - Data Science - [View Code](#) 2023

- A group project where we explored [Sindh Education Dataset](#)
- We try to answer various questions, some of them were:
  - Are there gender differences in enrollment rates, teacher-student ratios, or education quality?
  - Are there any infrastructure gaps that need addressing to enhance enrollment rates?
- It includes EDA followed by Data Cleaning.
- Made a machine learning model to predict the students enrollment given the school facilities.

ADDITIONAL SKILLS

- I have almost two years of experience in web development and have made numerous Projects.
- Skilled in **Python**, JavaScript, **ReactJS**, Typescript, Nodejs, **ExpressJS**, C++, MATLAB, **Tailwind**, Haskell HTML5, Firebase.
- Adept at various machine learning libraries, i.e., **pandas**, sklearn, **numpy** and matplotlib.
- Decision Making & Problem-Solving Data Analysis.
- Logo and Poster Designing.

EXTRA & CO-CURRICULAR ACTIVITIES

- Event head for Bethak - LLS flagship event.
- Head the 2022 orientation of LUMS Literary Society.
- Coordinated with 2 colleagues and arranged a Scavenger hunt for fellow students.

INTERESTS

- Software Engineering, Machine Learning, Chess.