**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](https://umich.edu/).

**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](https://aghaaliraza.com/) Lab.

• It revolves around machine learning models for investigation lab.

# PROJECTS

**Speaker Identification- ML model -** [**View Code**](https://github.com/Qa5imm/Speaker-identification) **2023**

* It is a project under [HEC](https://www.hec.gov.pk/english/Pages/default.aspx) 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](https://fastapi.tiangolo.com/lo/) and [React](https://react.dev/)

**Eat@LUMS -** [**View Code**](https://github.com/Qa5imm/EatatLums) **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**](https://github.com/Qa5imm/SEProj) **2023**

* A group project where we explored [Sindh Education Dataset](https://opendata.com.pk/dataset/sindh-education-statistics)
* 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.