**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, 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** April 2017 – Feb 2018

• Remained house head of Discipline for a year.

• Worked for students' progress and well being in the house.

**Event Head - LUMS Literary Society** Sep 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** Jan 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

**Consuming Public API to make a Weather App -** [**View Project**](https://qa5imm.github.io/weather_api.github.io/) **2022**

* Developed a responsive Weather App using HTML, CSS, JavaScript and Public APIs.
* Consumed [Weather API](https://openweathermap.org/api) to display weather of the selected city.

**Todo List website -** [**View Project**](https://qa5imm.github.io/todolist-js.github.io/) **2022**

* Developed a responsive website where you can add, mark or delete your everyday tasks
* It's made using web technologies like HTML, CSS and Vanilla JavaScript
* Recently installed Local storage so you tasks remain save.

**Facegram -** [**View Project**](http://ec2-44-196-47-71.compute-1.amazonaws.com:3006/myfeed) **2022**

* Built a scalable full stack web application where you can make friends around the globe, share post and chat.
* Implemented using MERN stack however, MySQL is used instead of MongoDb.
* Comes with an in built messenger app which is implemented using [socket.io](https://socket.io/) .
* Currently hosted on AWS and is made resilient to system crashes using pm2, therefore had 100% up time.

**Library Management System -** [**View**](https://github.com/Qa5imm/Library_Management_system) **Code 2022**

* A group project where we buit a scalable Management System for Libraries
* Implemented using MERN stack however, MySQL is used instead of MongoDb.
* You can all provide/avail all library services using our software, remotely.
* Initially hosted on AWS and is made resilient to system crashes using pm2, therefore had 100% up time.

**GLobal Gossip -** [**View Project**](https://sharedthoughts-aa02a.web.app/) **2023**

* A front-end application where you can post your daily Gossips and react to others
* Impelled using React (Typescript) and backend in [Firebase](https://firebase.google.com/)
* Currently hosted using firebase**.**

**ADDITIONAL SKILLS**

* I have almost one and half years of experience in web development and have made numerous Projects.
* Skilled in **Python**, JavaScript, **ReactJS**, Typescript, Nodejs, **ExpressJS**, C++, MATLAB, **Tailwind**, 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

* Web Development, Machine Learning, Chess.