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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.

Technologies

- **Languages**: Javascript,Typescript, Python, SQL, PHP, Haskell, C/C++.
- **Tools & Libararies**: ReactJS, Redux, ExpressJS, NodeJS, Tailwind.
- **Databases**: MySQL, MongoDB, Firestore.
- **Cloud & Deployment Tools**: AWS EC2, Nginx, Firebase.
- **ML and Data Science libraries**: Pandas, Scikit Learn, Numpy, Pytorch and Matplotlib.

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.