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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.

RECENT PROJECTS

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

- It was a project under HEC and CSalt at LUMS
- Worked on the web development of the ML model
- We also made an api of the model that can be integrated in any system
- It was 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

UNO - [View Code](#) 2023

- Made UNO game, playable with upto four players
- Implemented using Typescript (frontend+backend) and Vanilla CSS.
- [Socket.io](#) is used for real-time communication between client and server

Technologies

- **Languages:** Javascript,Typescript, Python, SQL, PHP, Haskell, C/C++.
- **Tools & Libraries:** 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.