

Aadrish Mahmood

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Date of birth:
4 September 2002

EDUCATION

Lahore University of Management Sciences (LUMS)

Sep 2020 - In Progress

BS Computer Sciences

FSc (Pre-Engineering)

86%

Matric (Mathematics)

93.4%

EXPERIENCE

Society for Promotion And Development of Engineering and Science September 2021 - May 2022

Member Media and Promotions

- Covered the biggest science Olympiad of Pakistan (PSIFI) organized by SPADES
- Volunteered for the Social Responsibility Program(SRP); the program's primary purpose was the promotion of science to underprivileged schools.

Teaching Assistant

- TA to the following courses at LUMS: **CS 100** (Fall 2022), **CS 100** (Spring 2023)
- Developed comprehensive assignments, homework, and quizzes, facilitated weekly office hours for student guidance, and monitored and evaluated student projects

PROJECTS

- **Tourism Management System:** Web App which allowing tourists to make booking and plan trips, hotels to register and provide bookings, and locals to leave reviews using Django and SQL
- **Authorship Attribution using ML:** Worked on a project for Authorship Attribution of thousands of tweets from influential twitter handles, that provides an accuracy of about 85%
- **Peer to Peer File Sharing application using python:** Application that allows multiple users to send files via the implementation of socket programming in python based on DHT
- **RUNG Games using MERN:** Web application for multiplayer gaming with real-time communication and game synchronization
- **Sindh Education Analysis:** Analysis of Sindh's educational dataset to determine what factors and facilities provided lead to the discrepancies in enrollment across Sindh's districts

RESEARCH

- **Performance analysis of Public service Websites:** A quantitative performance analysis of Pakistan's public service/governmental websites using LightHouse to evaluate their shortcomings and limitations based on their landing as well as non-landing pages.

CERTIFICATIONS

- Fundamentals of Accelerated Data Science by NVIDIA
- Introduction to Cybersecurity Tools and Cyber Attacks by IBM at Coursera
- Fundamentals of Deep Learning by NVIDIA

SKILLS AND INTERESTS

- **Experience:** Data Science, Machine Learning, Research, Web Dev, Networks, Security
- **Languages:** Python, C/C++, Typescript, Latex, MERN, HTML/CSS, MATLAB, Haskell, Solidity, SQL
- **Libraries:** Pandas, NumPy, Matplotlib, TensorFlow, PyTorch, SciKit Learn