

Sharjeel Ahmed Shaikh

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EDUCATION

Lahore University of Management Sciences

Bachelor of Science in Computer Science

Lahore, Pakistan

Sep. 2019 – Present

WORK EXPERIENCE

Software Engineer

SDSA

Jan 2023 – Present

Lahore, Pakistan

- Creating a Visual AI system to help retail stores analyze customer behavior
- Creating a dashboard for the system using React, Django, and MySQL
- Training the Yolo v7 model on the dataset
- Collecting and compiling a dataset

Computer Vision Research Assistant

CVGL

May 2022 – Present

Lahore, Pakistan

- Creating an Early Forest Fire Detection System using monitor cameras and sensors
- Working on the dashboard of the system using React, Django, and MySQL
- Trained Deformable DeTR and Yolo V7-tiny models on the dataset
- Annotated and Post-processed 3000+ images to train and test the model
- Submitted a paper to IEEE ICASSP noting advantages of our system

Software Engineer

Bloodlink

Feb 2022 - May 2022

Lahore, Pakistan

- Created a cross-platform mobile application using Flutter, Node.js, MongoDB
- Worked on the UI/UX of the application
- Launched it on Google PlayStore [Link to application.](#)

Game Developer

Mindstorm Studios

June 2021 – Sept 2021

Lahore, Pakistan

- Developed Missile Fest, a cross-platform mobile game using Unity.
- Used Blender to create assets and models
- Used Google PlayStore Console to finalize game features based on users' behaviors

Teaching Assistant for Machine Learning

Lahore University of Management Sciences

Jan 2023 - Present

Lahore, Pakistan

- Managed a class of 70 students
- Created Assignments, Homeworks, and Quizzes
- Held weekly office hours to help students with questions and concerns
- Managed students' projects and created a report with their performances

VOLUNTEER WORK

Assistant Director Media and Promotions

LCSS

Sep 2021 – June 2022

Lahore, Pakistan

- Lead a team of 25 members
- Created posters on Canva and Photoshop and videos using Davinci Resolve for promoting events and sponsors

TECHNICAL SKILLS

Languages: Javascript, Python, C/C++, MySQL, HTML/CSS, MatLab, Dart, Haskell, LaTeX

Frameworks: React, Material-UI, Flutter, Node.js, Flask, Django

Developer Tools: WordPress, Figma, Postman, Unity, Blender, Git, Docker, VS Code, Visual Studio, Android Studio, Jupyter Notebook, SSH

Libraries: Pandas, NumPy, Matplotlib, Cupy, TensorFlow, PyTorch, SciKit Learn