

Wali M. Ahmad

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EDUCATION

University of Engineering and Technology (UET), New Campus, Lahore, BS Software Engineering 2021 - 2025
CGPA: 3.441 / 4.0

EXPERIENCE

Center for Language Engineering (CLE), Machine Learning Intern (Lahore, Pakistan) Jun 2023 - Aug 2023

- Trained and Tested **SVM** Machine Learning Model for **TTS and Cloned Audio Classification** .
- Trained and Tested **Tensorflow & PyTorch** Deep Learning Models for **Deepfake Audio Detection** .
- Contributed to the **generation and collection of real and fake audio dataset** in English.
- Contributed to the **collection of meeting dataset**, audios and script in Urdu.
- Involved in the testing of **E-Khidmat Markaz App**.

ACADEMIC PROJECTS

Supreme - Principal of Web Engineering Feb 2024 - Apr 2024

- Developed a freelancing web application for eye-opening presentation slides.
- **Frontend** : React.js, Tailwind CSS and daisyUI
- **Backend & DB**: Express.js and MongoDB.
- **Nominee**: Nominated for the best UI/UX in class.

Car Wash Management System - Software Design & Architecture Lab Jan 2024 - May 2024

- Developed a management system where admin can keep track of employees, customers, vehicles and sales.
- **Frontend** : C# and Microsoft ReportingServices ReportViewerControl Winforms package.
- **Database**: Microsoft SQL Server.

Urdu Text Summarization - Artificial Intelligence Lab Oct 2023 - Dec 2023

- Fine-tuned a LLM **m-BART** on **67k Urdu news Articles** for Urdu text summarization.
- Developed a frontend and integrated with model using **Flask** on local host.

OS Simulator - Operating System Lab Jan 2023 - Mar 2023

- Created an OS simulator with multiple features using C language in Ubuntu.

PERSONAL PROJECTS

tindog - Web development Feb 2024 - Apr 2024

- Developed an online dog selling web application.
- **Fronted**: Bootstrap
- **Backend** : PHP and MySQL

Regression Models - Machine Learning May 2023 - Jun 2024

- Build and trained Linear Regression models for prediction.

SKILLS

Languages : C++, JavaScript, Python
Frameworks and Libraries : ReactJS, Scikit-Learn, Tensorflow
Software's : Ubuntu, GitHub, Selenium, Microsoft Office

CERTIFICATES

Machine Learning Specialization DeepLearning.ai, Coursera
Google Project Management: Specialization Google Career Certificates, Coursera
The Complete 2022 Web Development Bootcamp Dr. Angela Yu, Udemy

SPOKEN LANGUAGES

Urdu : Native
English : Fluent