

Malika Farid

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🐙 github.com/Malaika-Farid 🔗 Malaika-Farid-Portfolio 📍 Lahore, Pakistan

PROFILE

A dedicated Computer Science student passionate about personal and professional growth, committed to timely task completion, continuous improvement, and honing skills in Machine Learning, Computer Vision, and Web Development.

EDUCATION

2021 – present Lahore, Pakistan	B.S. in Computer Science <i>Punjab University College of Information & Technology</i>	CGPA : 3.91
2019 – 2021 Lahore, Pakistan	Fsc. Pre Engineering <i>Government Degree College for Women, Abbas Nagar-Shahdara</i>	Percentage : 99%

PROFESSIONAL EXPERIENCE

09/2024 – 01/2025	Teaching Assistant for Data Structures at FCIT, appointed by Dr. Saadia Shahzad.
09/2024 – 01/2025	Teaching Assistant for Object Oriented Programming at FCIT, appointed by Dr. Madiha.

PROJECTS

Book Vision - AI Powered Study Companion

Developing *BookVision*, an AI-powered study companion as a **Final Year Project** (FYP). The application leverages Natural Language Processing (NLP), generative AI technology to convert book topics into educational slides enhancing self-paced learning.

Handwritten Digit Classification

Deep learning-based handwritten digit classification using PyTorch. Implements CNNs with data augmentation and class imbalance handling.

Pregnancy Risk Assessment

A machine learning-based system using Flask and TensorFlow to predict pregnancy risks, including stillbirth and preterm birth, based on maternal health data.

Candy Shop Management System

Developed a responsive Blazor WebAssembly-based Candy Shop Management System with product management, sales tracking, and secure database integration.

OrganizeMe - Task & Diary Management

A web-based system for managing tasks and diary entries, featuring user authentication, task categorization, AJAX search, and profile management.

University Management System

A comprehensive University Management System database, encompassing entities, relationships, primary and foreign keys.

Self-Driving Cars

OOP-based self-driving car project that autonomously selects passengers based on the shortest distance.

SKILLS

HTML | CSS | Javascript | Asp .Net Core | Blazor | SQL | C | C++ | C# | GIT | Github | Python | ML | CV | Kotlin | RAG

SOFT SKILLS

Leadership | Problem Solving | Team Work | Communication | Presentation | Time Management | Self-Learning

PARTICIPATIONS

Code Bees 4.0 PUCIT PUCON'23 Code Fest 4.0 PUCIT 2023

AWARDS

Awarded **3rd place** in the **Code Bees 4.0 Speed Programming Competition at PUCIT**