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Mianwali, Pakistan

Computer Scientist to be, Python Developer, Machine Learning Enthusiast, Web Scraper, Life long learner

EDUCATION

O BS Computer Science

Namal University, Mianwali

Courses

Introduction to Computer Science Object Oriented Programming

Data Structures

Analysis of Algorithm

Database

- Artificial Intelligence

PERSONAL PROJECTS

FYP - Legal Document Analyzer [Django Framework, Langchain, LLMs]

- Django and source-based LLM based Web Application
- Fine-tuned Open Source LLM
- Authentication
- Open Source Models Integration

Image Template Matching using Genetic/Evolutionary Algorithm

 Followed Evolutionary Algorithm Methodology for doing Template Matching (Finding Small Image Portion from Big Image)

Face-mask Detection using ANN, CNN and web interface backed by Python-Django

- Build a Web Application using Django
- Trained Model that can do Face Mask Detection

Python interface for a minimal chat-bot using Prolog and Python (pyswip)

 Worked with Prolog (Programming in Logic) to build a simple chatbot that answers queries regarding family tree

Efficient Search Engine to store and search strings implemented in Python "tree" data structure and tkinter

 Worked on building a search engine utilizing the concepts of Data Structure (Trees)

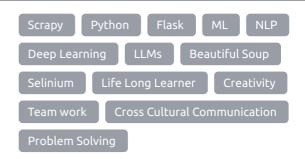
WORK EXPERIENCE

O Intern [Python, Scrapy] Arbisoft

08/2023 - 10/2020

- Achievements/Tasks
- Build Scrappers using Scrapy Framework
- Build a project using Flask and Scrapy
- Focused on writing Clean Code using PEP-08 conventions

SKILLS



ACHIEVEMENT

Namal Merit-based Scholarship (2020 - 2024)

PEEF Scholarship (07/2018 - 07/2019)

Got PEEF Scholarship on the basis of F.Sc (Part I) marks

Prime Minister Laptop Scheme (2017)

Got Laptop from Prime Minister Scheme on the basis of Matric Marks

CERTIFICATES

CESD Virtual Internship Program | Namal University Mianwali (07/2022)

CRISSCROSS BITS, Programming Competition | PIEAS (12/2021)

Data Wrangling Hackathon | University of Glasgow (02/2021)

LANGUAGES

English Urdu
Full Professional Proficiency Full Professional Proficiency

INTERESTS

