

As a CS student, my main concern is to be more creative and learning new things, which allowed me to excel in many projects. I am constantly seeking out new challenges and opportunities to learn and grow in this exciting field.

EDUCATION

Study Program Namal University Mianwali

08/2019 - Present

Courses

- Machine Learning
- Data analysis and Visualization
- Web Development
- Software Engineering
- Cyber Security
- Human Computer Interaction
- Artificial Intelligence
- Data Structures
- Trends in Data Centric Computing
- Computer Graphics

PERSONAL PROJECTS

EVOLUTIONARY ALGORITHM | PYTHON, AI

- Extracted a portion of an image from a larger image (from template matching approach). Used scientific functional model

CRACKING PASSWORD | C LANGUAGE, LINUX TERMINAL

- Cracked an executable file's password. Used binary and hex to string encoding and decoding.

FAMILY TREE | PYTHON, PROLOG

- 1. Learned to make a bridge between Python and Prolog . 2. Designed an interface that allows a user to ask intriguing questions about the Family . 3 Implemented the user interface such that it asks questions for relations of the family.

CRYPTOANALYSIS | CYBERSECURITY

- Used crypt analysis decoded the cypher using Frequency Analysis Technique.

LEARNING MANAGEMENT SYSTEM

- Developed an LMS using MySQL as a database and Django Rest framework for the information of courses students and teachers.

WORKED ON A CASE STUDY OF SPEECH EMOTION RECOGNITION | MACHINE LEARNING

- Hybrid Deep Learning with optimal feature selection for SER using the improved meta-heuristic algorithm by Kotha Manohar

FACE MASK DETECTION | ARTIFICIAL INTELLIGENCE

- Developed a face mask detection system using libraries such as OpenCV and NumPy

FINAL YEAR PROJECT (11/2022 - Present)

- Using Machine Learning and web Development I am making a Skin Diseases Identification and Recommender system (that recommends on the basis of skin types and issues). we are making our web app in Django framework.

SKILLS

Languages: Python, R, MySQL, HTML, CSS

Tools: VS Code, PYCharm, Git

Frameworks: Flask, React, Django

Operating System: Windows, Ubuntu & Kali Linux

ACADEMIC SCHOLARSHIPS

Received full merit-based academic scholarship from Namal University Mianwali (08/2019 - Present)

Received merit-based academic scholarship from Punjab College Talagang 2017-2019 (07/2017 - 05/2019)

CERTIFICATES

Work Study Namal University (01/2020 - 12/2020)

Assisted my Professor in his work, data collection, and data entry.

Foundations of User Experience (UX) Design

Coursera

Cybersecurity Engineering Virtual Internship

SAP

Data Analyst Internship

Worked as a data analyst intern at AHCP (Ltd.) Faisalabad.

1. Identified and reported any data issues, contained detailed weekly reports

INTERESTS

Book Reading

Painting

Content Writing