

MUSAWER HAMAD KHAN

Computer Science Student

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📍 Mianwali, Pakistan



Python programmer with experience in data scrapping, data analysis and machine learning. Proficient in Python libraries like Pandas, NumPy, Scikit-learn, Seaborn, and Matplotlib for building data-driven solutions. Capable of scripting web scrapers using Scrapy and integrating MySQL databases with Python.

EDUCATION

Bachelor of Computer Science
Namal University, Mianwali
📅 2021–2025

(In Progress)

Relevant Coursework

- Object-Oriented Programming (OOP) & Operating Systems
- Data Structures and Algorithms
- Analysis of Algorithms
- Artificial Intelligence
- Computer Vision
- Cyber Security
- Machine Learning
- Computer Networks
- Data Base
- Data Analysis

PROJECTS

Revenue Forecasting for Nayatel

- Developed an machine learning based solution for forecasting revenue and customer churn prediction.

IMDb Sentiment Analyzer

- Classified the sentiment of movie reviews.

VPN-Non VPN Packet Classifier

- Research-based project using a dataset containing VPN and non-VPN packet data.
- Research paper submitted for publication.

Namal University Faculty Info Scraper

- Developed a web scraper to extract faculty information from Namal University.

Stock Info Tracker

- Utilized the yfinance library to fetch stock data.

Library Database Design and Implementation

- Designed a database schema and implemented it using MySQL and integrated with Python

Process Scheduling and Dispatcher Simulator

- Developed a C++ process scheduling simulator.

SIEM Solution Implementation

- Deployed Wazuh for real-time log analysis and threat detection.

WORK EXPERIENCE

Remote Intern

HiSky Tech, Sargodha
📅 07/2024–08/2024

- Performed tasks in regression and classification using Python for machine learning.
- Carried out web scraping projects as part of daily assignments.

Freelance Web Scraping

Upwork

📅 -

- Developed custom web scrapers tailored to client requirements.

SKILLS

Python

C++

HTML

CSS

Java Script

SQL

Pandas

NumPy

Seaborn

Matplotlib

Scikit-learn

NLTK

Scrapy

Web Scraping

Data Analysis

SIEM Solution

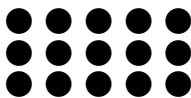
ACHIEVEMENTS

Namal Codex 2024 – 3rd Position

- Secured 3rd place in Namal Codex 2024 by competing in algorithmic challenges and problem solving.

LANGUAGES

English
Urdu
Saraiki



Full Professional Proficiency in both languages