

Sadam Hussain

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EDUCATION

GOVT COLLEGE UNIVERSITY

BS in Computer Science

Oct 2024 | Lahore, Pakistan

Department of Computer Science

JINNAH SCIENCE COLLEGE

Intermediate (ICS)

June 2020 | Haroonabad, Pakistan

Marks: 977/1100

COURSEWORK

UNDERGRADUATE

AI and Neural Networks

Database Systems

Digital Logic Design

Computer Networks

Object Oriented Programming

Linear Algebra and DE

Probability and Statistics

Calculus and Analytical Geometry

Programming Fundamentals

Data Structures and Algorithms

KEY SKILLS

Machine Learning • Deep Learning
Computer Vision • Natural Language Processing (NLP) • Data Visualization
Neural Networks • Data Structures and Algorithms • Computer Networks • Embedded Systems

Over 5000 lines:

Python • Tensorflow • PyTorch • Keras
OpenCV • Matlab • Pandas • NumPy

Over 1000 lines:

C • C++ • HTML • CSS • Assembly

Familiar:

• WordPress • Scratch • Mobile App Development

LANGUAGES

• English • Urdu • Punjabi

INTERESTS

• Travelling • Movies • Photography

WORK EXPERIENCE

DOUXL TECHNOLOGIES | data engineer

June 2024 – Present | Lahore, Pakistan

- Working on developing an automated data pipeline and performance analytics system, integrating business data from multiple sources using Python, SQL, and Apache Airflow. The project focuses on building real-time Power BI dashboards to automate reporting workflows and enhance data-driven decision-making across the organization.

VISE TECH | BUSINESS INTELLIGENCE ANALYST

October 2023 – Apr 2024 | Lahore, Pakistan

- Worked on a Business Intelligence and Data Analytics project, developing and optimizing Python and MATLAB based data processing and visualization scripts to automate reporting workflows and extract actionable insights for strategic decision making.

VFixAll | MACHINE LEARNING INTERN

Mar 2023 – Aug 2023 | Lahore, Pakistan

- Strengthened core expertise in machine learning, applying linear algebra, calculus, and numerical methods to design, train, and optimize predictive models.
- Gained hands-on experience with R and key ML frameworks such as TensorFlow and PyTorch for algorithm development.

LANCER SQUAD | AMAZON VIRTUAL ASSISTANT

June 2022 – Present | Remote

- Managing Amazon Seller Central operations including product listing, inventory tracking, order management, and account health monitoring.
- Analyzing sales performance, customer trends, and PPC data to optimize listings and improve conversion rates.

PROJECTS

- Smart Data Quality and Integrity Monitoring System Using AI
- Numerical Solutions to Eigenvalue Problems Using MATLAB
- Path Planning for Autonomous Vehicles Using Python
- IoT based Health Monitoring System using Arduino and ESP-8266
- Shazam Clone for Audio Matching using Hashing
- Shaheen: A multi-platform video game based on Scratch
- Employee Performance Analytics Dashboard

VOLUNTEER & COMMUNITY EXPERIENCE

President

GCU Environment Protection Society

Campus Ambassador

Welfare Foundation at GC University

Project Lead

Undergraduate Thesis

Executive

Team Media at Khalq Foundation Pakistan

Speaker

Session on "How to Crack Board Exams" by "VAS Organization"

CERTIFICATES

AI For Everyone

DeepLearning.Ai, Coursera

Supervised Machine Learning

IBM, Coursera

Generative AI with Large Language Models

AWS, Coursera

Differential Equations for Engineers

The Hong Kong University