

# 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.

### WISE 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

Campus Ambassador

Project Lead

Executive

Speaker

GCU Environment Protection Society

Welfare Foundation at GC University

Undergraduate Thesis

Team Media at Khalq Foundation Pakistan

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

## CERTIFICATES

AI For Everyone

Supervised Machine Learning

Generative AI with Large Language Models

Differential Equations for Engineers

DeepLearning.AI, Coursera

IBM, Coursera

AWS, Coursera

The Hong Kong University