



Nizam Ahmad

Data Analyst | IT & Data
Science Expert | Computer
Science Postgraduate

Personal Profile

Dynamic and forward-thinking Computer Science graduate with expertise in data-driven development and distributed architectures. Combines deep programming knowledge with practical experience in system design, data processing, and automation. Committed to creating scalable, efficient, and innovative solutions tailored to evolving technological needs.

Contact Information

nizamahmadcs@gmail.com +92

3421591769

github.com/nizamahmadcs

linkedin.com/in/nizamahmadcs

Malakand KP, Pakistan

Work Experience

Lecturer (ICS / IT)

Faculty of Management & Computer Sciences (FMCS)

University of Agriculture, Peshawar

November 2025 – Present

- Teaching undergraduate courses in Computer Science and IT.
- Designing course outlines, lesson plans, and assessment rubrics.
- Conducting lectures, labs, and tutorials.
- Evaluating student performance and providing academic guidance.
- Supervising student projects and research work.
- Participating in accreditation and departmental activities.

Teaching Assistant

Department of Computer Science & IT,

University of Engineering & Technology (UET),

Peshawar, Pakistan

Oct 2023 – Apr 2024

- Assisted faculty members in conducting lab sessions and classes, and participated in organizing departmental academic activities when required
- This Teaching Assistantship was funded under the Endowment Fund Scholarship Program

Freelance IT Consultant & Pine Script Developer

Upwork.com – Remote

Jul 2019 – Present

- Top Rated Seller with a 100% Job Success Score and consistent 5star client ratings
- Delivered over 300 successful projects related to Pine Script development for TradingView, including custom indicators, strategies, and automation
- Provided IT consulting and data analysis solutions using tools like Power BI, assisting clients in making data-driven decisions through interactive dashboards and reports

- Power BI Reports & Dashboards
- Microsoft Excel & PowerPoint •
- Jupyter Notebook

Programming & Tools

- Python, C++, Pine Script
- scikit-learn, Matplotlib, NumPy, Pandas
- Microsoft Office Suite

Machine Learning & AI

- Supervised & Unsupervised Learning
- Predictive Modeling
- Applied AI in Trading & Analytics

Platforms & Systems

- Distributed Systems & Cloud Computing
- Blockchain Technologies
- TradingView Automation

Education History

2023 - 2025 M.Sc. in Computer Science

(2 Years)

Specialization: Data Science and Distributed Systems

University: University of Engineering and Technology, Peshawar, Pakistan

CGPA: 3.97 / 4.00 (99.14%)

Honors: Gold Medalist – 1st Position in Batch

Key Courses:

- Advanced Analysis of Algorithms
- Distributed Computing Paradigms
- Data-Intensive Computing Systems
- Machine Learning and Neural Networks
- Virtual Organizations
- Advanced Theory of Computation
- Advanced Operations Research
- Principles of Data Science
- Blockchain Technologies

2018 - 2022

(4 Years)

B.Sc. in Computer Science

University: University of Engineering and Technology,

Peshawar, Pakistan

CGPA: 3.75 / 4.00 (92.8%)

Honors: Silver Medalist – 2nd Position in Batch

Key Courses:

- Design & Analysis of Algorithms
- Introduction to Computer Programming
- Data Structure & Algorithms
- Digital Logic Design
- Theory of Computation
- Object Oriented Programming
- Database Systems
- Operating Systems
- Distributed Computing
- Data Science
- Introduction to Data Mining
- Data Ware Housing

2016 - 2018

(2 Years)

HSSC in Computer Science

BISE Malakand

College: Govt. Postgraduate College Dargai, Malakand, Pakistan

Marks: 797 / 1100 (72.45%)

Distinction: Secured 2nd Position in BISE Malakand Board

Languages

- English – Fluent
- Urdu – Fluent
- Pashto – Native

Hobbies & Interests

- Problem Solving & Puzzles
- Reading Tech Blogs & Research
- Trading & Financial Markets
- Public Speaking & Presentations
- Designing Dashboards & Interfaces
- Experimenting with AI Tools

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Certifications

KP Skill Development Program (KPSDP)

AI & Data Science

Power BI Desktop

Amazon Virtual Assistant

NVTI – Nationwide Virtual & Tech Training Initiative

Microsoft Office Specialist: Excel

AWS Certified Data Analytics – Specialty

WiFi Security & Hacking Techniques

Kaggle

Data Visualization

NumPy

Pandas

Machine Learning

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Achievements & Awards

1st Position – MSc (Gold Medalist)

2nd Position – BSc & HSSC

Top-Rated Seller – Upwork (100% Job Success)

Level 2 Seller – Fiverr

Letter of Appreciation – PGA for Academic Brilliance Letter of Appreciation – HOD (Dept. of CS)

encryption, and tamper-proof recording on Ethereum.

- Created a **SimpleBank Smart Contract on Ethereum** supporting secure deposit, withdrawal, and balance operations.

IoT & Embedded Systems

- Built an **IoT-Based eBike Data Acquisition System** using Arduino UNO and sensors to collect and upload real-time data to the cloud.

Python Mini Projects

- Designed a **Color Detection Application** in Python using OpenCV for identifying colors from live camera feed or images.
- Created a **Word Completion Program** using Python and NLP libraries (NLTK, scikit-learn) to suggest text predictions based on user input.

Data Analytics & Visualization

- Built multiple **Power BI Dashboards** for visualizing business metrics, using DAX and dynamic reports for deep business insights.
- Developed a Point of Sale (POS) System in **Microsoft Excel** with automated billing, inventory tracking, and receipt generation.

Trading Automation & Pine Script

- Delivered over 300+ **Custom TradingView Indicators & Strategies** using Pine Script v5 tailored for various client needs.
- Integrated **TradingView Alerts** with **Auto-Trading Brokers** such as TradersPost, Crosstrade.io, and PineConnector using custom webhook systems.