**Dawood Shah**
Dir Lower, KPK, Pakistan
Phone: (+92) 302-4791116 | Email: dawood.01.2019@gmail.com | WhatsApp: 03024791116
CNIC: 15303-8078966-5 | Date of Birth: 01-03-2003 | Nationality: Pakistani

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## About Me

Computer Science graduate with strong foundations in Artificial Intelligence (AI), Machine Learning (ML), and Data Analytics. Experienced in developing intelligent and data-driven applications, including research on Skin Cancer Detection using Deep Learning and Computer Vision. Skilled in Python frameworks, data visualization, and chatbot development. Seeking to apply AI and data technologies to real-world problems in healthcare, cybersecurity, and automation, while pursuing advanced studies in Data Science.

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## Education

**Bachelor of Science in Computer Science** — University of Malakand (2021–2025)

- Medium: English | CGPA: 3.25 / 4.00
- Key Courses: AI, Machine Learning, Algorithms, Data Structures, Networking
- Final Year Project: Deep Learning-Based Hybrid Model for Skin Cancer Detection

**Associate Degree in Arts** — Allama Iqbal Open University, Islamabad (2021–2023)

- Marks: 1027 / 1500 | CGPA: 2.67 / 4.00

**HSSC (Pre-Engineering)** — Allama Iqbal Public School, Dir Lower (2019–2021)

- Marks: 79% | Core Subjects: Math, Physics, Chemistry

**SSC Matriculation (Science)** — Sir Syed Education Academy, Dir Lower (2017–2019)

- Marks: 79% | Core Subjects: Biology, Chemistry, Physics, Mathematics

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## Research Experience

**Deep Learning-Based Hybrid Model for Detection of Skin Cancer Diseases**

- Built a hybrid model (InceptionV3 + SVM) using HAM10000 dataset.
- Achieved 93 % accuracy and implemented Grad-CAM explainability.

- Tools: Python, TensorFlow, PyTorch, Scikit-learn, OpenCV.

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## Industry Experience

**Data Analytics Intern — Essenceware Technologies, Islamabad (3 months)**

- Analyzed real-world datasets using Python, SQL, Power BI, Excel.
- Created dashboards and insights for business data.
- Strengthened skills in data storytelling and visualization.

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## Technical Skills

- **Programming:** Python, SQL, SQLite, FastAPI, Streamlit, Flask
- **AI / ML:** TensorFlow, PyTorch, Scikit-learn, InceptionV3, SVM, Grad-CAM
- **Data Analytics / Viz:** Power BI, Excel, Pandas, NumPy, Matplotlib, Seaborn
- **Chatbots / NLP:** Transformers (GPT-2, Hugging Face), Sentiment Analysis, Text Generation
- **Databases:** SQLite, PostgreSQL (Basic), CRUD Operations
- **APIs / Web:** FastAPI, RESTful APIs, JSON Handling
- **Tools:** MS Office, Jupyter Notebook, VS Code, GitHub

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## Languages

English – Proficient (C1) | Urdu – Native (C2) | Pashto – Native (C2)

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## Certificates & Achievements

1. **Python 101 for Data Science** – *Cognitive Class (IBM)*
   *Issued by IBM Developer Skills Network*

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## References

Available upon request.