

SABAHAT IRFAN

CONTACT

-  **Phone:**
+92 3035780022
-  **Email Address:**
sabahatirfan162@gmail.com
-  **Address:**
Rawalpindi, Pakistan
-  **LinkedIn**
www.linkedin.com/in/sabahat-irfan-656684222

SOFT SKILLS

- Teamwork
- Time Management
- Leadership
- Effective Communication
- Critical Thinking
- Communication
- Creativity
- Training and Teaching
- Problem-Solving
- Mind Mapping
- Computer and Technology Knowledge

TECH SKILLS

- Python
- Deep Learning
- C++
- Machine Learning
- Data Analysis
- SQL, MySQL

INTEREST

- Travelling
- Searching new Computer Technologies
- Book Reading

PROFILE

A highly motivated fresh graduate looking for a position within any organization or software house. Throughout my education, I have demonstrated a high level of motivation, work ethic, and teamwork to achieve my predicted grades. I wish to utilize these skills to work with professionals. A creative and people-oriented Computer Scientist with extensive project management experience. Advanced knowledge in graphic design, software, and programming languages relevant to the web.

EDUCATION

- Masters in Computer Science (MS.CS)** Feb 2023 - March 2025
COMSATS University Islamabad
- Bachelors in Computer Science (BS.CS)** Sep 2017 - Dec 2021
Fatima Jinnah Women University , Rawalpindi
- Intermediate in Computer Science** Jun 2015 - May 2017
Askaria College (Girls Wing) , Rawalpindi
- Metriculation in Science** Jun 2013 - May 2015
F.G Girls High School , Rawalpindi

WORK EXPERIENCE

- Lucky Star High School,Tipu Road, RWP**
Teacher, Computer Operator APRIL 2022 - MARCH 2023
 - Assist the staff in notebook checking
 - Assist teachers in the teaching process
 - As a computer science student, helped in teaching computer learning techniques
- Alestra Solutions Gulberg Greens (Budding Solution) (Internship)**
Graphic Designer, Presentation Maker JUL 2021 - SEP 2021
 - Create and design print and digital materials
 - Assemble final presentation material for printing as needed
 - Collaborate with the Creative Director and Graphic Design Manager to develop design concepts

CERTIFICATIONS & ACHIEVEMENTS

- Designing User Interfaces and Experiences (UI/UX)** MAY,2025
An online course authorized by IBM and offered through Coursera
- Data Analysis with Python** NOV,2025
An online course authorized by IBM and offered through Coursera
- Foundations: Data, Data, Everywhere** NOV,2025
An online course authorized by Google and offered through Coursera
- Introduction to Generative AI for Data Analysis** DEC,2025
An online course authorized by Microsoft and offered through Coursera
- Getting Started with Cisco Packet Tracer** APRIL,2026

VOLUNTEER WORK

Deep Learning-Based Multiclass Lung Disease Detection With Explainable Prediction From Medical Images (Thesis)

- Developed a deep learning model for multi-class classification of lung diseases using X-ray/CT images.
- Implemented explainable AI (XAI) to interpret model predictions for transparency in medical diagnosis.
- **Tools:** TensorFlow / Keras / CNN / Grad-CAM.

Urdu Transcriber (FYP)

- Built an automatic speech recognition (ASR) system for Urdu language transcription.
- Focused on converting spoken Urdu into written text with accuracy using NLP and audio processing.
- **Tools:** Python, SpeechRecognition, DeepSpeech.

Sentimental Analysis (NLP)

- Analyzed social media text data to determine sentiment polarity (positive, negative, neutral).
- Applied Natural Language Processing (NLP) techniques for text preprocessing, tokenization, and classification.
- **Tools:** Python, NLTK, Scikit-learn.

Diagnosis of Liver Disease using Machine Learning Models (ML)

- Designed and trained ML models to predict liver disease risk based on medical attributes.
- Compared different algorithms (Logistic Regression, Random Forest, SVM) for best accuracy.
- **Tools:** Python, Pandas, Scikit-learn.

Evaluating Local Explanations using White-box Models (DM)

- Studied explainability methods in data mining for model transparency.
- Evaluated white-box models (e.g., Decision Trees, Rule-based Models) to explain predictions.
- Focused on improving interpretability and trust in AI systems.