Wajid Iqbal

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Career Objective

An enthusiastic, adaptive, and keen learning person with a broad interest in research discovery. I particularly enjoy collaborating with research scholars to develop new skills, learning and to pursue extensive research in cutting-edge hypothesis.

Education

▪ **MSc in Electronics Science and Technology** *Northwestern Polytechnical University, Xian, China*	GPA	82%	Apr 2024
▪ **Bachelor of Science in Software Engineering** *CECOS University of IT & Emerging Sciences, Peshawar, Pakistan*	GPA	71%	2016-2020

Current work

Currently working on Master's thesis "Research on GNNs based DRL for Mission Plans of Multi-UAVs where the goal of my study is to use GNN for effectively represent relationships among UAVS and then adding the DRL model for decision making**.**

Recent work

I worked as a remote intern on OC challenge https://opencatalystproject.org/challenge.html under the supervision of Professor Martin https://mtakac.com/ (from Jun-Oct 2021) where our task was to design new machine learning models to predict the outcome of catalyst simulations usedto understand activity.

Machine learning and Deep learning projects

- ▪ Face Recognition Attendance System
- ▪ Fingerprint Recognition using CNN.
- ▪ Sentiment Analysis (Recurrent Neural Networks).
- ▪ Hand digit recognition using CNN.

Courses and workshops

- ▪ Python for Everybody (Coursera Certification).
- ▪ Fundamentals of Reinforcement learning (Courser Specialization).
- ▪ Math for Machine learning (Coursera Certification).
- ▪ Machine learning with Graphs (Stanford course).
- ▪ Reinforcement learning Algorithms with Python.

<u>Programming languages and frameworks</u>

- Python
- PyTorch TensorFlow/Keras
- Simulation (AirSim/OpenAI Gym)

<u>Personal Skills</u>

- Self-improvement
- Excellent Communication
- Adaptability
- Networking
- Information Retrieval and Research Skills

<u>Teaching Assistant at</u>   **June 2019 – Aug 2019**

CECOS University of IT and Emerging Sciences Peshawar, Pakistan

- Used Haar-case-cade algorithm for Face detection.
- Local Binary Histogram (LBPH) to recognize faces.

<u>Python Instructor at IPATs</u>   **Mar 2020 – May 2020**

- Taught Introductory level Python course.

<u>Software Engineer at</u>

ISOFT IT Training and Consultancy Peshawar, Pakistan   *Jun 2020—Mar 2021*

- Design and develop technical solutions to defined business problems working with diverse technical non-technical personnel.
- Determine technical solution feasibility by evaluating workflows problem definition requirements usage models proposed solutions.
- Create proofs of concept user-interface mock-ups & similar tools for the product manager to facilitate internal external client interaction.
- Produce technical documentation for proposed or developed solutions including flowcharts layouts diagrams charts code comments.

<u>Hobbies</u>

- Gym
- Hiking
- Football
- Travelling
- Music
- Cooking

<u>References</u>

- Available upon request.