

# MUHAMMAD AFFAN WAHID

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muhammad-affan-wahid

Lahore, Pakistan

## WORK EXPERIENCE

### Senior Python Developer

#### Turing

Aug 2024 – Jun 2025

Remote

- Enhanced Meta's Llama 3 with RLHF (Reinforcement Learning Through Human Feedback) for single and multi-turn conversations.
- Stayed Top Performer in a team of 98 people for five consecutive weeks through impactful contributions to project milestones and outcomes. Gained special permission to work on the weekends as a bonus.

### Full Stack Web Developer (Part-time)

#### Intelligent Machines Lab ITU

June 2024 – Aug 2024

Remote

- Developing a web application to collect blood cancer data from multiple labs using React, Flask, and MongoDB.
- Integrating YOLO v8 for real-time object detection to enhance medical imaging analysis within the platform.

### Software Engineer

#### Educative, Inc.

June 2023 – May 2024

Lahore, Pakistan

- Created the interview vertical front and back end. This helped open a robust new funnel and stable avenues for revenue.
- Integrated Hubspot in the product to streamline Userback to support top-notch user feedback functionality.
- Created a pipeline to collect custom metric data using OTEL and integrated it with Google Dashboards for data visualization.

### Python Software Engineer Intern

#### Hazen.ai

Nov 2022 – Jan 2023

Lahore, Pakistan

- Created an automatic framework for the creation of synthetic license plate dataset for different countries all around the world in order to minimize human effort and maximize productivity.

### Teaching Assistant DSA

#### Information Technology University

Sep 2021 – Feb 2022

Lahore, Pakistan

- Worked with teachers to enhance learning plans based on student assessments, supported classroom management, conducted clarification sessions, and created engaging assignments while guiding students.

### Research Intern

#### Intelligent Machines Lab ITU

Jul 2021 – Oct 2021

Lahore, Pakistan

- Engaged in the intricate labeling of malaria cell data, used in a research paper published in CVPR titled "Towards Low-Cost and Efficient Malaria Detection," earning acknowledgment.

## EDUCATION

### BS in Computer Science

#### Information Technology University

2019-2023

Lahore, Pakistan

### FSc Pre-Engineering

#### Fazaia Intermediate College

Aug 2017-Nov 2019

Lahore, Pakistan

### Matriculation

#### Fazaia Intermediate College

Jun 2015-Aug 2017

Lahore, Pakistan

## TECHNICAL SKILLS

Python

Pandas

Numpy

Pytorch

NextJS

ReactJS

JavaScript

Tailwind CSS

Flask

Typescript

C++

Github

Algorithms

## EXTRACURRICULAR

### Co-Founder Kaar-e-kamal ITU (2022-current)

- Created this chapter from scratch providing free education, food, and medicine to the needy ones.

### Treasurer GDSC-ITU (2022-2023)

- Organized the funds of many events for the developers including CodeRush coding competition.

### Treasurer IEEE-ITU (2022-2023)

- Organized the funds of many events for the engineers including IEEEExtreme coding competition.

## ACHIEVEMENTS

### 1st position

- Programming Competition at Superior Technical Symposium 2021.

### 1st position

- Atchison College AI Competition.

### 2nd position

- All over Pakistan in IEEE Extreme Programming Competition 2021.

### 2nd position

- position at GDSC Code Rush programming competition held at ITU.

### 3rd position

- at the IEEE Code Camp held at UET.