

# MUHAMMAD ABDULLAH

+92-3421129003 • mabdullahuit19b@gmail.com

• linkedin.com/in/smuhabdullah

## Education

### USMAN INSTITUTE OF TECHNOLOGY - NED UNIVERSITY

Bachelors of Science in Computer Science (CGPA 3.05)

Karachi, Pakistan

2019 - 2023

## Professional Experience

### AMAL ACADEMY

Karachi, Pakistan

Education startup funded by Stanford University that teaches professional skills to students and corporations

#### Career-Prep Fellow

July 2023 – Present

- **Communication:** Joined a 3-month program after competing out over 4500+ people in an interview.
- **Skills:** Learning important skills like communication, leadership, problem solving, and teamwork.
- **CurioSense:** Contributed to a team of 8 members to develop and implement a mega project to enhance and provide quality STEM education, including teaching and organizing workshops at schools.

### ODOLUTION

Karachi, Pakistan

Provides services, including Odoo installation, customization, and training.

#### Python Developer

May 2023 – Present

- **Odoo:** Demonstrated expertise in designing and optimizing Odoo modules for enhanced performance and usability.
- **Python & SQL:** Maintained dashboards using Python and SQL to visualize and analyze data from a variety of sources, such as accounting.

## Academic Experience

### Sugarcane Disease Detector

Karachi, Pakistan

Detecting and classifying sugarcane diseases, offering potential benefits to Pakistan's sugar industry. UIT - NED

#### Team Leader and Python Developer

September 2022 – July 2023

- **Machine Learning:** Created a sugarcane disease detection model using CNN and image processing, addressing challenges in the Pakistan sugar industry.
- **Data Preparation:** Utilized techniques like feature extraction and image segmentation for data preparation.
- **Django:** Built a Python Django-based web app for efficient data management and user interaction.

## Extracurricular & Volunteer Experience

### Al Ghareem Society

Karachi, Pakistan

- **Volunteering:** Collaborated with a dedicated team of volunteers to plan and implement all aspects of the clothing drive, including promotion, collection, sorting, and distribution of clothing items.

## Honors and Awards

### ACADEMIC SCHOLARSHIPS

- **Scholarship:** Received a merit-based scholarship ranging from 10% to 25% from the Institute. 2020 - 2023

### ONLINE COURSES

- **Data Analysis:** Analyze Data to Answer Questions, Process Data from Dirty to Clean, 2022 - 2023
- **Data Driven Decisions:** Prepare Data for Exploration, Ask Questions to Make Data-Driven Decisions, Foundations: Data, Data, everywhere - Coursera – Google Data Analytics.
- **Data Analysis Using Python – 10 Pearls University** September, 2022

### AWARDS AND CERTIFICATIONS

- **Awarded 2nd Prize at UIT for leading a 5-member team in an ICT project.** January, 2020

## Additional

- **Technical Skills:** Python, Odoo, Django, SQL, Oracle, OpenCV, TensorFlow, Data Visualization, Excel
- **Certifications:** Data Science and AI Career Bootcamp (Data Mites)
- **Interests:** Python Development, Data Science.