Raja Ahsan

Enthusiastic and results-driven Programming and AI Trainer with strong expertise in Python, Machine Learning, Deep Learning, Computer Vision using OpenCV. Backed by 3+ years of experience in developing and creating course materials, and mentoring individuals in core programming and AI concepts. Skilled in simplifying complex topics for diverse learners. Eager to contribute to an organization that values practical, application-driven instruction and continuous learning.

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📍 Quarter no 2, Block D, Soldier Bazar Police Line Karachi, Karachi, Pakistan   in raja-ahsan098   ⓖ RajaAhsan97

WORK EXPERIENCE

Instructor
Saylani Mass IT (SMIT)
Jul 2025 - Present | Karachi, Pakistan

- Course: AI and Data Science

Instructor
Aligarh Institute of Technology
Oct 2025 - Dec 2025

- IoT, AI instructor

Visiting Faculty
University of Karachi
Department of Applied Physics
Jan 2020 - Dec 2023 | Karachi

- Lecturer: Analog Electronics, Digital Electronics, Telecommunication, Micro-Controllers, DSA using C++.

Internee
PCSIR Applied Physics, Computer and Instrumentation Center
Jun 2019 - Aug 2019 | Karachi

- PCB troubleshooting

EDUCATION

BS - Electronics
University of Karachi
Jan 2016 - Dec 2019 | GPA: 2.7

HSSC Pre-Engineering
Govt. City College
Jan 2013 - Jan 2015 | Percentage: 58%

SSC Science Group
St. Lawrences Boys High School
Jan 2011 - Dec 2013 | Percentage: 62%

SKILLS

Matplotlib Pandas MATLAB C++ Python streamlit Django Flask OpenCV scikit-learn Docker Mongo DB Numpy Hugging Face Tensorflow Keras Computer Vision

PROJECTS

Obstacle Avoidance Robot
based on ATMega328p microcontroller

Biometric Attendance Marking System
based on Single Board Computer (SBC) - Raspberry PI

CERTIFICATES

Python and Django Full-Stack Web Development Bootcamp ⧉
Udemy
PIERIAN DATA (Udemy)

DLI Fundamentals of Deep Learning
NVIDIA

Arduino Microcontroller Course
EDVON Robotics

LANGUAGES

Urdu
Full Professional Proficiency

English
Full Professional Proficiency

INTERESTS

Continuous learning   Online Courses