MUHAMMAD AMMAR

Mechatronics and Control Engineer
Date of Birth: 19th Dec 1999
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Objective

Dedicated to finding a job that will allow me to put my academic knowledge to good use while also learning new skills.

Education

University of Engineering and Technology (3.22/4.0)   Lahore, Pakistan
   Bachelors of Mechatronics and Control Engineering (*2018-2022*)

Govt Islamia College Civil Line (913/1100)   Lahore, Pakistan
   FSc Pre-Engineering (*2016-2018*)

Professional Experience

Nishat NDF Power House (Lahore Plant)   Lahore, Pakistan
Maintenance Internee: (*August 2021– September 2021*)
−   Devised and developed an automation process and components required for Air Purification system based and controlled by Plc and pneumatic system.

Rana Academy   Lahore, Pakistan
Physics Teacher: *(October 2019–November 2021)*
−   Managed and taught 2 classes of 30 students each, guided them about their studies, and provided significant knowledge to help them perform extraordinarily.

Academic Experience

Inspection of Transmission Shaft with Computer Vision (Atlas Honda)
Final Year Project *(August 2021– Present)*
−   Design low-cost and efficient solutions to inspect transmission shafts using Artificial Intelligence and Open Cv.

San-Fransisco-crime-Classification

Online Course

Introduction to Data Science
−   Completed the course from the University of Michigan (July 14th, 2020)

Neural Network and Deep Learning
−   Completed the course from DeepLearning.AI (March 25th, 2022)

Improving Deep Neural Networks: Hyperparameter Tuning, Regularization, and Optimization
−   Completed the course from the DeepLearning.AI (April 12th, 2022)

Structuring Machine Learning Projects
−   Completed the course from the DeepLearning.AI (August 6th, 2022)

Extracurricular & Volunteer Experience

Kaar e Kamal Foundation   Lahore, Pakistan
−   *Volunteer:* Volunteering as Regional Head, Buffer Head, an organizer for blood camps, Induction drives, and Event marketing. *(May 2020 – Present)*

Blood Chain Pakistan
−   *Participant*: Participate in the online BCPian Training Session on Blood Activism, organized by Blood Chain Pakistan on (February 6th, 2022).

Honors and Awards

AWARDS AND CERTIFICATIONS   Lahore, Pakistan
−   Received merit-based Laptop Award from Chief Minister Punjab. *(July 2017)*

Additional

−   *Skills:* Leadership, Teamwork, Problem Solving, Communication Skills, Presentation skills.
−   *Technical Skills:* **Python, Flask,Html,CSS, Pandas, NumPy, Scikit learn,Tensorflow,Streamlit, Power Bi,** Ansys 14.5, MS Office, MATLAB, Solidworks, Proteus 8.6, AutoCAD, RSLogix
−   *Language:* English, Urdu.
−   *Interests:* Artificial Intelligence, Data Science, Industrial automation, Data Analyst, Photography.