KHUBAB AHMAD

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EDUCATION

HITEC University   **09 2017 – 07 2021**
BS Electrical Engineering   *Taxila, Pakistan*

KIPS College
HSSC/Intermediate - F.Sc Pre-Engineering   **04 2015 – 07 2017**
                                                                                     Multan, Pakistan

Marine Public School
SSC/Matriculation - Science Group   **03 2013 – 04 2015**

COURSEWORK / SKILLS
                                                                                     Bagar Sargana Tehsil Kabirwala, Pakistan

- Machine and Deep Learning
- Data Analysis
- C++ Programming
- Python Programming
- Prompt Engineering
- Electronics circuits software
- Reporting Skills
- MS Word and Excel
- Web Development
- GUI Designing

PUBLICATIONS

Published Journal

1. FireXnet: an explainable AI-based tailored deep learning model for wildfire detection on resource-constrained devices

Journal: Fire Ecology

2. Machine learning approaches for detecting driver drowsiness: a critical review

Journal: International journal of membrane science and technology

Accepted Conference

1. Utilizing OBD II Time Series Data for Driver Drowsiness Detection: A One-Dimensional CNN Approach

2. Deep Learning Approach for Driver Drowsiness Detection using OBD-II Sensor Data

PROJECTS

University Semester projects

- DC Electronic Load using Arduino
- Sun tracking solar panel using Arduino
- Line follower robot using Arduino
- Analog to Digital Converter
- AC to DC Converter

INTERNSHIP

Nothern Power Genration Company

Thermal Power Station, Mehmood Kot Road, Muzafargarh, Punjab

- Responsibilities to get familiarize with the industry environment and to observe the theoretical implementation in the industrial level. To get know about the switch yard and large scale power generation which produces 1370MW electricity.

EXTRA CURRICULUM

HITEC University

Community service Program

- A community service program organized by HITEC university, in which we arranged the funds for the maintenance of the secondary school in Taxila.

HITEC University

Management Team member

- An event called ROBO-FIESTA held in HITEC university, and I had been the part of management team, where I have to look after and arrange the accommodation of the participants.

CERTIFICATIONS

Applied Deep learning for Medical Data Analysis

Eduxlabs, India

- This course was live online Instructor-led 10-Days (35 Hours) short training on Applied Deep learning for Medical Data Analysis that consist topics of MRI, CT-SCAN, ECG and COVID19 chest X-ray. The duration of this course was from 30th November to 12th December 2020.

Image Classification with CNNs using Keras

Coursera

- The contents of this course was to implement Convolutional Neural Networks in Keras with TensorFlow backend and Train Convolutional Neural Networks to solve Image Classification.

LANGUAGES

- English (RWSL)

- Urdu (RWSL)