## Electrical Engineer (UG-Year 4)

An Electrical Engineer with interest in AI, Machine Learning and Computer Vision. Experienced in doing team projects. Hands-on command on different simulation software and programming languages. Excellent record of managing events and co-curricular activities.



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Landi Kotal Near Peshawar, Pakistan

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## **EDUCATION**

## **BSc. Electrical Engineering**

Namal Institute Mianwali

09/2018 - Present

## PERSONAL PROJECTS

Contactless Automatic Attendance Management System Using Face Recognition

- Used Haar Cascade for Face Detection and Build a CNN model for Face Recognition
- System marked present the recognized faces and stored it in a database.

#### Bluetooth Controlled Robot Car

- Simulated Design using STM32F401CB
- Implemented Hardware Using Arduino
- Mobile App using MIT App Inventor

#### Voice Recognition System Using MATLAB

Simulation On MATLAB

#### Digital Thermometer

- Interfaced TFT LCD with Arduino
- Used LM35 for Temperature Measurement
- Prototype on Vero Board

#### Calculator Using TM4C123GH6PM

- Interfaced LCD with Stm32F401CB
- Interfaced Keypad with Stm32F401CB
- Implemented Hardware on Bread Board

#### **WORK EXPERIENCE**

## **Teaching Assistant**

Calculus, Differential Equation

Namal Institute Mianwali

### Responsibilities

- Taking Tutorial sessions every week
- Making and Marking of Quizzes and Assignments

## Internee

## Amal Academy Lahore

Achievements/Tasks

 Different Courses like Life of Purpose, Leadership, Knowing Yourself, Teamwork.

# Math and Science Teacher

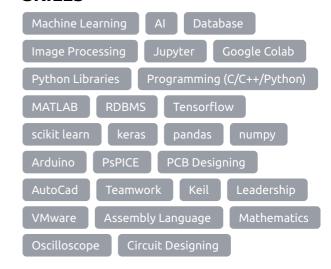
## Namal Society Of Social Impact Education Wing

Namal Institute Mianwali, Frontier Islamic School Peshawar, Islamic Children Academy Peshawar.

#### Responsibilty

• 5 pm-8 pm Teaching to around Local Students of Namal Institute Mianwali Society.

### **SKILLS**



## **ORGANIZATIONS**

## Namal Society of Social Impact (NSSI)

Managing Director Blood Wing NSSI General Member Education Wing NSSI

#### **CERTIFICATES**

#### Teaching Assistant for 2.5 Years

I have been TA of different courses of Mathematics for 2.5 years

## Internship at Amal Academy Lahore

I have done Internship at Amal Academy Lahore Virtually.

#### Namal Arduino Workshop (03/2019)

Namal IEEE society had arranged this workshop in which we got to know about Arduino.

#### Namal Techno fest

Namal IEEE society had arranged this event of Robotics Competition in which Namal and students from other different universities Participated and showed their work.

#### Volunteer in Orientation Week

Organized Orientation Week for Fresh batch 2019-2023

#### Player of the Tournament (Football)

Football tournament best player of the Tournamnet

## **INTERESTS**

