

# Mishkat Ahmad Neyazi

mishkat.neyazi@gmail.com | +91-9319126512 | mishkat.189402164@muji.manipal.edu

## EDUCATION

### MANIPAL UNIVERSITY JAIPUR

**BTECH IN ELECTRONICS AND COMMUNICATION ENGINEERING**  
2018-Present | Jaipur, Rajasthan  
CGPA - 8.53/10

### DPS, MATHURA ROAD

**SENIOR SECONDARY**  
CBSE AISSCE  
2016-2018 | New Delhi

## COURSEWORK

### UNDERGRADUATE

- Data Structures and Algorithms using C++
- Digital System Design and HDL
- Computer Organisation and Architecture
- Microprocessors and Micro controllers
- Embedded Systems and RTOS
- Analog Integrated Circuits and Systems
- Economics

## SKILLS

### Programming:

Python • C++ • C • Embedded C • Verilog  
Arduino-C • Bash • Object-oriented  
Programming

### Software:

Matlab • GitHub • Keil uVision • MySQL • Xilinx  
Vivado • Visual Studio • MS-Office

### Development Boards:

Arduino

### Soft Skills:

Teamwork • Leadership • Content Writing

### Languages:

English • Hindi • Urdu

## ONLINE COURSES

### Coursera -

- The Arduino Platform and C Programming
- Python Programming Essentials
- Exploratory Data Analysis with MATLAB
- Introduction to Programming using MATLAB

### IBM -

- Data Science Orientation

## EXPERIENCE

### BSNL | SUMMER TRAINEE

June 2021-Present

Internship and Vocational training at Regional Telecom Training Centre, Mysore.

### SEOMANTRA.PRO | TECHNICAL CONTENT WRITER

October 2019 - January 2020

Writing well-researched technical content and analysing content marketing metrics for clients.

## PROJECTS

### FORECASTING PHOTO-VOLTAIC SYSTEM POWER GENERATION

March 2021-May 2021

- Training Prediction model with data collected using Arduino to develop short-term power forecasting models that can be deployed onsite.

- The project contains two modules- Data Collection and Machine Learning Forecasting.

Github:// Time-Series-PV-System-Output

### HUMAN DETECTION ON RAILWAY CROSSING FOR RAILWAY SAFETY USING IOT

December 2020

- An Arduino based project divided into two parts- railway crossing and obstacle detection system on the track.

- Proposing a reliable solution for railway crossings and in turn eliminating manual railway crossings.

## AWARDS

2016	International	International Benchmark Test
2015	International	Global Innovation Summit(Dubai)

## EXTRACURRICULAR

### LITMUS- THE DEBATING, WRITING AND MUN CLUB OF MUJ Coordinator

- Assisting the literature society in organising various competitions and literary events.

## LINKS

LinkedIn:// mishkat-ahmad

Github:// mishkat29