

# Sanjoy Mondal

Full stack developer

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## EDUCATION

### M.Tech(Computer science) IIT Kharagpur

07/2019 - 07/2021

8.28 cgpa

Project:

- Build Artificial Neural Network model using Particle Swarm Optimization algorithm and compare the accuracy with different algorithm of Machine Learning taking same dataset.

### M.sc(Math) IIT Bhubaneswar

07/2017 - 06/2019

8.35 cgpa

Project

- To determine the independence fractal from graph.

### B.sc(Math) Burdwan University

05/2014 - 05/2017

77.37%

### 12th WBCHSE

05/2014

77.8%

### 10th WBBSE

05/2012

86.87%

## WORK EXPERIENCE

### Teaching Assistant IIT Kharagpur

08/2020 - 11/2020

I was a Teaching Assistant on the course Object oriented programming for a semester.

Tasks

- Assessment create and check.

## SKILLS

C

C++

HTML

CSS

ReactJS

JavaScript

Data Structure

Algorithm

Os

Machine Learning

Statistics

DBMS

Python

Probability

Excel

Linear Algebra

Deep Learning

## PERSONAL PROJECTS

### Blog App Frontend (11/2021 - 11/2021)

- Create a single page application and render the data, source of a Fake API, category wise used React-Router-Dom. Bootstrap card is used to represent the data in the page.

- [Github Link](#)

- [Host Link](#)

### Google Keep Clone (10/2021 - 11/2021)

- Using ReactJS created a functional user input component where user can take input dynamically and store it in another component. User can take multiple input and can delete any of them.

- [Github Link](#)

- [Host Link](#)

### ToDo App (09/2021 - 10/2021)

- Basically create dynamically card and render on the Dom. Card have some features like enter task, mark done the task, delete the card from the Dom as well as responsive. HTML, CSS, JavaScript are used to build the project.

- [Github Link](#)

- [Host Link](#)

### Digital Clock (09/2021 - 10/2021)

- While developing this project, get to work on multiple HTML tags, and various CSS properties. Most importantly get introduced with the functions required for DOM manipulation. Also how to add dynamic HTML using JS and Date function of JS.

- [Github Link](#)

- [Host link](#)

### Animated Car (08/2021 - 10/2021)

- Create a moving car using translation property of CSS. Also absolute position property is used for to make position Car, Wheel, Road, Sky.

- [Github link](#)

- [Host Link](#)

## CERTIFICATES

### Machine Learning with Python offered by Cousera (01/2020 - 03/2020)

Topics included like Linear Regression, Logistic Regression, KNN, Decision Tree, Random forests, Neural Networks and their implementation in Python. [Certificate link](#)

### Neural Network and deep learning on Cousera (03/2020 - 04/2020)

Mainly focused on Neural network, Activation function, Loss function, All type of Gradient Descent, Multilayer Neural Network. [Certificate link](#)