

Kolkata, India
(+91) 8017417238
suranjandaw@gmail.com
cs21mtech12008@iith.ac.in

Suranjan Daw

<https://github.com/SuranjanDaw>
<https://www.linkedin.com/in/suranjan-daw>

Coursework & Technical Skills

Languages: C, C++ Python, Java

Areas of Interest: Computer Networks, Networked Wireless Systems, Machine Learning.

Education

Indian Institute of Technology, Hyderabad

August 2021-Present

- Computer Science and Engineering, M. Tech.

Heritage Institute of Technology, Kolkata

August 2021

- Computer Science and Engineering, B. Tech.:
CGPA:9.32

Orient Day School, Kolkata (CISCE)

March 2017

- Indian School Certificate. Percentage: 95.25%

- Indian Certificate of Secondary Education. Percentage: 93.4%

March 2015

Certifications

Udacity – Google India Challenge Scholarship: Android

February 2018

Hewlett Packard (HP) Summer Training – PHP with WordPress

June 2018

AppliedAiCourse - Machine Learning

March 2019

Coursera – Google Cloud Platform Big Data and Machine Learning

March 2019

Fundamentals

June 2019

Coursera – Google Cloud Platform Fundamentals: Core Infrastructure

May 2020

Coursera – Getting started with AWS Machine Learning

May 2020

Coursera – Neural Networks and Deep Learning

June 2020

Internshala – Machine Learning

June 2020

Coursera – The Bits and Bytes of Computer Networking

Internships

MinD Webs. Position: Technical Head.

January 2019 – July 2019

Technologies: Android, Computer vision, PHP.

- Designed and developed a Ticket Collection and verification System using Android.
- Designed an API using PHP.

Project Experiences

- **Face Recognition:** Built face detection and recognition software by implementing transfer learning on VGG16, InceptionV3, and MobileNetV2 using imagenet dataset weights. | Technology: Tensorflow, Keras, MobileNetV2, VGG16, InceptionV3, Python.
- **Customer Churn Predictor:** Build a Customer Churn Prediction model using Scikit-learn library. | Technology: Machine Learning, Python, Scikit-learn.
- **Handwritten Digit Recognition Software:** Recognize handwritten digits built using Neural Networks | Technology: MATLAB.
- **Product Recommendation Engine:** Displays similar products. Tested on real Amazon product data. | Technology: Python, Tensorflow, Scikit learn.
- **Sentiment Analyser:** Built a Sentiment Analysis Application that takes sentences and tells classifies them into positive or negative sentences. | Technology: Machine Learning, Python, Scikit Learn, NLTK.
- **Canteen Management System:** A system of Mobile Applications and Web applications which manages the listing and selling of food items through coupons and is integrated with an offline payment system. | Play Store: <https://play.google.com/store/apps/details?id=devriiel.gourmetfood&hl=en>
- **HIT CRUNCH:** An aggregator for notices, notes, and Question paper provided by college | Technology: Android, Firebase, Node.js. Play Store: <https://play.google.com/store/apps/details?id=dschik.noticeboard&hl=en>
- **Bluetooth Chat:** A chat application that communicates using Bluetooth. | Technology: Android.

Honors and Activities

- **Secured 98.46 Percentile in GATE 2021.**
- **Codevita Season 9 India Round 1:** Secured the rank of 3245.
- **Winners at IEM International Space Apps Challenge 2018:** Acquired 5th Position. Organized by IEM
- **Teaching Assistant at Developers Student Club, HIT** in the field of Android and Firebase.
- **Organized a technical Extravaganza:** Techchtronista2k19 at MinDWebs.
- **Speaker at Google Cloud Study Jam, 2019** at Heritage Institute of Technology.
- **Cloud Facilitator at Developers Student Club, HIT**
- **GCP Quest Leader:** Received the title of GCP Quest Leader from Google Cloud Developers for completing 12+ labs on Qwiklabs.