SOUBHIK MANDAL

soubhikmandal2000@gmail.com

+91 8900923226

Mumbai, Maharashtra, India

soubhikmandal2000.github.io/Portfolio-website

linkedin.com/in/soubhikmandal2000 | | github.com/soubhikmandal2000

Skills

Programming Language – C, Python, R & Verilog.

Analytics/Presentation – Excel, Python, R, PowerPoint & Power BI.

Web/Media – HTML/CSS/JavaScript, Adobe illustrator Adobe Photoshop & Adobe Premiere Pro.

Language Proficiency – English, Hindi & Bengali.

Certifications [View]

Coursera

Foundations: Data, Data, Everywhere (Google) & Foundations of Project Management (Google).

CISCO Networking Academy

Introduction to Cybersecurity & Introduction to IoT.

MathWorks

Deep Learning Onramp, Machine Learning Onramp, MATLAB Onramp & Signal Processing Onramp.

Workshops [View]

Queuing Model Analysis using JMT (28 Aug 2021)
Computer Aided Diagnosis of Medical Images using Deep Learning (31 May 2021)
Supervised & Unsupervised Machine Learning Algorithms (11th – 12th Feb 2021)

Volunteer Experience

Delegate at **Model United Nations** (2019 – 2021)
Sergeant at **National Cadet Corps** (2018 – 2021)
Scout at **The Bharat Scouts and Guides** (2010 – 2016)

Awards

Scholarships
ENC Merit Card, INBA scholarship & Veltech Mahatma Gandhi National Merit scholarship.

National Cadet Corps
Best Cadet, B certificate & C certificate.

Sports
National in Skating (2014 - 2016), Regional in 100 mtr run, 200 mtr run (2014 - 2016) & Football (2015 - 2021).

Objective

To obtain a position in a reputed organization where I can develop new skills, expand my knowledge and leverage my learnings. Simultaneously getting an opportunity where I could optimize my potential while contributing to the organization's growth.

Education

Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology (Sep 2018 - Jun 2022)

B. Tech in Electronics and Communications Engineering CGPA - 8.09

KENDRIYA VIDYALAYA No.2 MINNIE BAY PORTBLAIR A&N (May 2018)

12th 65.40 %

KENDRIYA VIDYALAYA NO 1 NAUSENABAUGH VIZAG. AP (May 2016)

10th 87.40 %

Projects

Design Of A Fabric Antenna For 5G Application

(Sep 2021 – Till Date)

Trying to design a compact and low-profile wearable antenna using composite material for 5G application with better gain and operating frequency compared from existing wearable antenna.

Real-time Traffic Rule Monitoring system **[Source Code]**

(Sep 2021 – Oct 2021)

Designed a system for Monitoring/Tracking traffic rules violating vehicles by detecting their vehicle speed and capturing their license plates and storing them in a database using opencv-python, numpy, cmake & dlib library in python.

Arduino Based Twin Axis Solar Tracking System **[Source Code]**

(Jun 2021 – Sep 2021)

Designed a system for maximizing power output produced by the solar panel by moving it towards the sun rays with the help of LDR sensors and motors.

Arduino Based Greenhouse System **[Source Code]**

(Aug 2020 – Nov 2020)

Designed a system for monitoring plant health by giving them an adequate amount of water and a controlled temperature environment to grow fast.

Real-Time Face Detection System **[Source Code]**

(Aug 2019 – Nov 2019)

Designed a system based on python code to detect faces in real-time with the help of the face database and OpenCV library.

Interest

Blogging, illustration, Jogging, Skating & Traveling.