



Mainak Pal

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Kolkata

EDUCATION

Bachelor of Engineering (B.E), Electronics and Telecommunication Engineering (ETE) (2017 - 2021)

Jadavpur University

CGPA : 8.97/10

XII (Senior Secondary), Science

Year of Completion: 2017

WEST BENGAL COUNCIL OF HIGHER SECONDARY EDUCATION Board

(Mahesh Sri Ramkrishna Ashram Vidyalaya (H.S))

Percentage : 89.40%

X (Secondary)

Year of Completion: 2015

WEST BENGAL BOARD OF SECONDARY EDUCATION Board (Mahesh Sri

Ramkrishna Ashram Vidyalaya(H.S))

Percentage : 92.57%

TRAININGS

Imagineer V 3.0

JADAVPUR UNIVERSITY SCIENCE CLUB (Kolkata)

Jan 2018 - Jan 2018

Image Processing Workshop using MATLAB

Ethical Hacking

Indian Cyber Security Solutions (Kolkata)

Nov 2017 - Nov 2017

Workshop on 'Cyber Security ' and 'Ethical Hacking'

RC Trainer Plane Workshop At IIT Kanpur

Boeing National Aeromodeling Workshop IIT Kanpur (Kanpur)

Nov 2017 - Nov 2017

My team "Team Highfliers" was selected from a competition where 400 teams all over the India applied. 25 teams got selected. Lectures on working principals of Aeroplane and hands-on experience on making a RC Aeroplane was delivered in the Workshop.

PROJECTS

Shoot The Ball

Jun 2018 - Jun 2018

<https://mpalrocks.github.io/projects.html>

A game developed using Processing and implemented the idea of processing.js. Here is the game below. You have to shoot the ball by tapping on it. Number of balls popped in 30s will be counted.

Approximate-Pi

May 2018 - Jun 2018

<https://mpalrocks.github.io/projects.html>

Approximating the value of pi using Processing.

Real-time 2D plot of Azimuth Plane using Ultrasonic Wave Sensor (HC SR04)

Jun 2018 - Present

<https://mpalrocks.github.io/projects.html>

Objective:- Deploying a 2D space scanner using Ultrasonic Wave Sensor in Arduino Ide and plotting output vs. Azimuth angular positions using Processing.

Future Aspects:- In the area of 3D reconstruction, latency improvement and computer vision.

SKILLS

C Programming

Intermediate

Arduino

Beginner

Python

Beginner

JavaScript

Beginner

WORK SAMPLES

GitHub Profile:

<https://github.com/mpalrocks>

Blog Link:

<https://mpalrocks.github.io/>

ADDITIONAL DETAILS

- WBJEE 2017 General Merit Rank: 250