INDRAJIT SADHUKHAN

Android Developer | Python Developer | AI Enthusiast | Java Developer

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PROJECTS

1. Employee Manager Android Application - Github, Website

Android Development, Firebase (Database & Storage) , JAVA, XML, MATERIAL DESIGN, Picasso (Library to display images)

JAN 2020 - JUNE 2020

1. This projects contains two Android Application one is for administration and another is for employees (User)
2. Admin version of the application can add/remove employees and can update details of an employee, publish/delete notices, publish/delete images of an event.
3. User version can view the details of other employees,notices,and other events.

2. Improving Traffic Flow in an intersection using data from its neighbouring intersections - Python
Github, Website

Python, SUMO(Simulation of Urban Mobility)

JUNE 2019 - DEC 2019

1. This project helps to simulate traffic flow in an intersection.
2. It implements an algorithm (which can be found on the website) that gives optimal traffic light control timing based on the inputs from its neighbouring intersection.
3. I have implemented this algorithm on a simulating platform (SUMO).

3. Face Recognition Application using OpenCV - Python
Github, Website

JULY 2020 - AUG 2020

Computer Vision, Python, opencv,image recognition

1. Used opencv and image_recognition library which can detect faces from image or video
2. If it is trained with some images of a human face the application generates an encoded file that can recognize the person in other videos or images and can display the name of the person

*Underlined text contains an hyperlink which redirects to my personal website or github repository

EDUCATION

Bachelors of Technology

Major - Computer Science and Engineering

2018-2022

Expected Graduation Month -July 2022

College - Indian Institute of Engineering Science and Technology(IIEST), Shibpur

CGPA -8.60

Education gap- 1 year (2017-2018)

Higher Secondary Education
2017
Chandannagar Banga Vidyalaya - Hooghly,West Bengal
Percentage - 93.6%

Secondary Education
2015
Chandannagar Banga Vidyalaya - Hooghly,West Bengal
Percentage - 89.80%

SKILLS

1. Github (VCS)
2. Object Oriented Programming
3. Data Structures & Algorithms

LANGUAGES

1. C++
2. Java
3. Python
4. HTML
5. CSS
6. SQL