

# Indrajit Sadhukhan

Android Developer | Python Developer | AI Enthusiast | JAVA Developer

Contact +91 6289124906

Email [indrajitsadhukhan1000@gmail.com](mailto:indrajitsadhukhan1000@gmail.com)

[Github Profile](#) | [LinkedIn Profile](#)



## EDUCATION

July 2018- July 2022

B.TECH IN COMPUTER SCIENCE AND TECHNOLOGY

University - Indian Institute of Engineering Science and Technology(IIST),Shibpur

CGPA 8.60

Currently studying in 5th Semester

Percentage/Aggregate - 80.81%

Feb 2017

School - Chandernagore Banga Vidyalaya (Class -XII)

Completed Higher Secondary Education with a percentage of 93.60%

Jan 2015

School - Chandernagore Banga Vidyalaya (Class -X)

Completed Secondary Education with a percentage of 89.57%

## PROJECTS

### Face Recognition Application using OpenCV - Python

#### KEY FEATURES

- This is a face recognition application developed using open source software [openCV](#) and [image\\_recognition](#) which can detect faces from an image or a video.
- 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.

[GITHUB REPOSITORY](#) | [PROJECT PORTFOLIO](#)

## Improving Traffic Flow in an intersection using data from its neighbouring intersections - Python

MINI PROJECT (CS-371 and CS-471) - 3rd and 4th SEM

### KEY FEATURES

- This project is developed using [SUMO \(Sub-urban mobility\)](#) platform and written in Python.
- I have collaborated with three other classmates in the 3rd and 4th Semester of my course.
- My role in this project was primarily designing roads, networks ,traffic Light signals and vehicle movement decisions.(using [NETEDIT](#))

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## PDF Viewer Android Application - Java, Android Studio

### KEY FEATURES

- PDF files Handling in Java
- Display the PDF Files in a List View
- Used open-source Android PDF files display  
<https://github.com/barteksc/AndroidPdfViewer>

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## PROGRAMMING LANGUAGES

- ★ C++ (Proficient)
- ★ C (Proficient)
- ★ JAVA (Proficient)
- ★ PYTHON
- ★ HTML/CSS/JAVASCRIPT

## SKILLS/INTERESTS

- Machine Learning
- Computer Vision
- Android Development
- Web Development
- Data Structures and Algorithms