



# SAWON BHATTACHARYA

## Contact Details

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## Personal Profile

I am a quick learner a good listener. I love to explore new technologies. Always push my boundaries so that I can give 200% to my work.

## Technical Skills

- Python(Advance)
- HTML(Advance)
- CSS(Advance)
- C(Intermediate)
- JavaScript(Intermediate)
- Visual Basic(Intermediate)
- ORACLE 11g(Intermediate)
- MySQL(Intermediate)
- MongoDB(Basics)
- C++(Basics)
- JAVA(Basics)
- PHP(Basics)
- MATLAB(Basics)

### LANGUAGES

- Bengali(Native)
- English(Fluent)
- Hindi(Fluent)

## Personal Interests



## Education

Pondicherry University(CURRENT)  
Master of Science in Computer Science, 2019-21  
1st year CGPA **9.71**

University of Calcutta(St Xavier's College  
(Autonomous),Kolkata)  
Bachelor of Science (Honours in Computer Science),2016-19  
Computer Science **80.06(74.58% overall)**

WBCHSE(Sodepur High School)  
Higher Secondary(2016), Overall percentage **87.25**

WBBSE(Ariadaha Kalachand High School)  
Secondary (2014) ,Overall percentage **90.33**

## PROJECT & EXPERIENCE

INTERN IN SPACE APPLICATION CENTRE, AHMEDABAD  
PROJECT: **Object Detection with Machine Learning, using high-resolution Remote Sensing Data(Ongoing)**  
TEAM size:1

WEATHER UPDATE WEB APPLICATION  
TOOLS & LANGUAGE: **HTML,CSS,JAVASCRIPT,OPENWEATHERMAP API**  
TEAM size:1

ROAD SEGMENTATION FROM SATELLITE IMAGERY USING U-NET  
ARCHITECTURE(paper writing is on process)  
TOOLS & LANGUAGE: **PYTHON**  
TEAM size:3

Drowsiness Detection System  
TOOLS & LANGUAGE: **Python,Flask,HTML,CSS**  
TEAM size:2

Multi Page Dashboard Using Dash & Plotly  
TOOLS & LANGUAGE: **msexcel,PYTHON,dash,plotly,css**  
TEAM size:1

Data Analytics Consulting Virtual Internship in KPMG  
TOOLS & LANGUAGE: **MS EXCEL, PYTHON, TABLEAU**  
Team Size:1

COVID-19 Detector using CNN model

TOOLS & LANGUAGE: **PYTHON**

TEAM size:2

Data Cleaning and Visualization On Cricket Data

TOOLS & LANGUAGE: **PYTHON**

Team size:1

Analysing the spread of COVID-19 in India through  
PageRank and Diffusion techniques

TOOLS & LANGUAGE:**PYTHON,Pandas,Seaborn,matplotlib**

TEAM size:1

Website Development For Biochemistry & Molecular Biology Fest in Pondicherry University

TOOLS & LANGUAGE: **HTML,css,php,javascript,PHPMYADMIN**

TEAM size:2

## ***Publications***

Sawon Bhattacharya<sup>1</sup>, S.Siva Sathya<sup>2</sup>, S.Sharmiladevi<sup>3</sup>, Analysing the spread of COVID-19 in India through PageRank and Diffusion techniques, , (Final proof reading completed) Of The 2nd International Conference On Emerging Technologies In Data Mining And Information Security, 2nd – 4th July, 2020.

## ***Achievements***

- After successfully completing the virtual internship under **KPMG** got the certificate.
- Got appreciation memento for successfully **developing the webiste** for International Conference of Biochemistry department of Pondicherry University.
- Successfully organised the **alumni meet(2019)** of Computer Science Department in Pondicherry Univeristy.

## ***Online Certifications***

- "M001: MongoDB Basics" from MongoDB University
- "Introduction to Data Science in Python" under Michigan University from Coursera
- "Neural Networks and Deep Learning" under deeplearning.ai from Coursera
- "The Complete Python Programming Bootcamp" from Udemy