

# SOHAM MARIK

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## EDUCATION

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### **B.Tech(Computer Science and Engineering)**

*2015-Present*

Indian Institute of Information Technology, Sri City

CGPA: 8.58/10 (till 5th semester)

### **Class 12 (CBSE)**

*2015*

Delhi Public School, Ruby Park, Kolkata

Percentage: 96%

### **Class 10 (CBSE)**

*2013*

Delhi Public School, Ruby Park, Kolkata

CGPA: 10.00/10

## EXPERIENCE

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### **Intern**

June 2018 - Present

*LivePadhai.com*

Currently working on fixing knowledge gaps and monitoring and engaging students with artificial intelligence and machine learning.

### **Co-Founder and Lead**

February 2018 - Present

*SocAIty*

Responsible for organizing meetups, tech discussions and coding programmes on Artificial Intelligence and its related fields with a mission to propagate knowledge of AI among developers and build an AI-Powered environment.

### **Teaching Assistant**

August 2016 - May 2018

*Indian Institute of Information Technology, Sri City (Chittoor)*

Provided assistance in teaching the following subjects to the 1st year students of the institute:

- Mathematics-II under Dr. Snehasis Mukherjee (January 2018 - May 2018)
- Discrete Mathematics under Dr. Snehasis Mukherjee (August 2017 - December 2017)
- Data Structures (under trainee) under Dr. Rajendra Prasath (January 2017 - April 2017)
- Discrete Mathematics (under trainee) under Dr. Snehasis Mukherjee (August 2016 - November 2016)

## PROJECTS

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### **Social Network Analysis**

January 2018 - Present

*Mentor: Dr. Amitava Das*

Currently working on discovering the correlations of trolling online behaviour in social media and the dark side of peoples personality and psychology, with census data of real society.

### **Multimodal Data Classification**

January 2018 - Present

*Mentor: Dr. Anish Chand Turlapaty*

Urban land use and land cover classification based on multi-source optical remote sensing data.

**Bifrost Search Engine**

October 2017 - November 2017

*Information Retrieval*

A search engine designed on the principles of Information Retrieval, such as TF-IDF, cosine similarity, PageRank and summarisation using LexRank.

**Farmyzer**

August 2017 - November 2017

*IT Systems*

A smart portal that helps farmers monitor their crop growth, soil fertility, weather conditions and give personalized suggestions to maximize overall yield and profits, using machine learning and analytics.

**Employees Management System**

March 2017

*Database Management Systems*

An online portal to manage the employees of a company using DBMS concepts.

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**POSITIONS OF RESPONSIBILITY****Abhisarga 2k18 (Official College Fest)**

March 2018

*Coordinator (Music Department)**IIT Sri City*

Responsible for organising and coordinating the house performances for the intra-college music competition. Contributed in securing the overall first prize for our house in the cultural competitions.

**Novato 2k16 (Official Freshers' Day Programme)**

August 2016

*Coordinator (Music Department)**IIT Sri City*

Responsible for organising the music performances.

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**ONLINE TRAININGS****The Analytics Edge by MIT**

June 2017 - August 2017

*Platform: edX*

An online course by MIT that teaches useful techniques for data analytics using R.

**Machine Learning By Stanford University**

May 2017 - July 2017

*Platform: Coursera*

An online course taught by Andrew Ng, that teaches the basic concepts of machine learning and the underlying mathematical principles.

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**TECHNICAL SKILLS****Languages**

Python, C, C++, SQL

**Softwares & Tools**

Django, MySQL, Git and GitHub, HTML, LaTeX,

**Skills**Machine Learning, Data Analytics, Object Oriented Programming,  
Data Structures

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**WEB PRESENCE****Website**<https://soham1705.github.io>**GitHub**<https://github.com/soham1705>**LinkedIn**<https://www.linkedin.com/in/soham-marik>