

# SOHAM MARIK

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## OBJECTIVE

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Looking for a summer internship.

## 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** 2015

Delhi Public School, Ruby Park, Kolkata

Percentage: 96%

**Class 10** 2013

Delhi Public School, Ruby Park, Kolkata

CGPA: 10.00/10

## EXPERIENCE

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**Teaching Assistant, Mathematics-II** January 2018 - May 2018

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

Provided assistance in teaching the subject of Mathematics-II to the 1st year students of the institute, by teaching them during tutorial hours and grading their assignments and exam papers.

**Teaching Assistant, Discrete Mathematics** August 2017 - December 2017

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

Provided assistance in teaching the subject of Discrete Mathematics to the 1st year students of the institute, by teaching them during tutorial hours and grading their assignments and exam papers.

**Teaching Assistant, Data Structures** January 2017 - April 2017

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

Provided assistance in teaching the subject of Data Structures to the 1st year students of the institute, by helping them with their programming assignments, guiding them in making their projects, and grading their projects, assignments and lab exams.

**Teaching Assistant, Discrete Mathematics** August 2016 - November 2016

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

Provided assistance in teaching the subject of Discrete Mathematics to 1st year students of the institute, by helping them solve problems during tutorial hours.

## PROJECTS

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**Social Network Analysis** January 2018 - Present

*B.Tech. Project*

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

*Additional Project(6th semester)*

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.

## Water Management System

February 2017 - May 2017

*Embedded and Intelligent Systems*

A project that monitors the amount of water consumed by households and displays the consumption details on a Django based web platform.

## Employees Management System

March 2017

*Database Management Systems*

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

## POSITIONS OF RESPONSIBILITY

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### 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.

### AI Developer Community - Intel

October 2017 - Present

*Co-lead*

*IIT Sri City*

Responsible for organising meetups and workshops relating to Artificial Intelligence in collaboration with Intel.

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

August 2016

*Co-organiser(Music Department)*

*IIT Sri City*

Responsible for organising the music performances.

## TECHNICAL SKILLS

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### Languages

Python, C, C++, R, SQL, MATLAB

### Softwares & Tools

Django, MySQL, Git and GitHub, HTML, LaTeX, Microsoft Excel, Tableau

### Skills

Machine Learning, Data Analytics, Backend Development, Object Oriented Programming, Data Structures

## WEB PRESENCE

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### GitHub

<https://github.com/soham1705>

### LinkedIn

<https://www.linkedin.com/in/soham-marik-39093a13a/>

## **ACADEMIC ACHIEVEMENTS**

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Invited to the Dean's List Awards Function for Semesters 1 and 2.

Ranked 11,159 in JEE-Main 2015.

Ranked 18,127 in JEE-Advanced 2015.

Obtained 96% in Class 12th CBSE Board Exams.

Obtained a CGPA of 10.00/10 in Class 10th CBSE Board Exams.

## **INTERESTS**

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I am an amateur guitarist and have performed regularly for college fests.

I am an avid reader and love to read sci-fi, thriller and fantasy novels in my leisure time.