

SOHAM MARIK

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EDUCATION

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

Intern

June 2018 - Present

LivePadhai.com

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

Co-lead

October 2017 - Present

AI Developer Community

Responsible for organizing meetups, tech discussions, and different 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

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**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

*Co-organiser (Music Department)**IIT Sri City*

Responsible for organising the music performances.

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.

TECHNICAL SKILLS**Languages**

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

Softwares & Tools

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

SkillsMachine Learning, Data Analytics, Object Oriented Programming,
Data Structures

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