SOHAM MARIK

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EDUCATION

B.Tech(Computer Science and Engineering)   *2015-Present*
Indian Institute of Information Technology, Sri City
CGPA: 8.44/10

Class 12 (CBSE)   *2015*
Delhi Public School, Ruby Park, Kolkata
Percentage: 96%

Class 10 (CBSE)   *2013*
Delhi Public School, Ruby Park, Kolkata
CGPA: 10/10

EXPERIENCE

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 - Present
Indian Institute of Information Technology, Sri City (Chittoor)
· Operational Mathematics under Mrs. Srivalli Kiranmayee (January 2019 - Present)
· Programming in C under Dr. Venkatesh Vinayakarao (September 2018 - December 2018)
· 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)

Intern   June 2018 - August 2018
LivePadhai.com

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

PROJECTS

Social Network Analysis   January 2018 - January 2019
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 - May 2018
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.

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

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.

POSITIONS OF RESPONSIBILITY

Abhisarga 2k18 (Official College Fest)

March 2018

Coordinator (Music Department) — *IIIT 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) — *IIIT Sri City*

Responsible for organising the music performances.

ACADEMIC ACHIEVEMENTS

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.