

SOHAM MARIK

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OBJECTIVE

Looking for a summer internship.

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

Teaching Assistant, Mathematics-II

January 2018 - Present

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

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.

Shape Drawing Robot

February 2016 - May 2016

IT Workshop-II

An Arduino controlled robot that draws basic shapes such as rectangles, circles, squares and regular polygons.

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.

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

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

GitHub <https://github.com/soham1705>
LinkedIn <https://www.linkedin.com/in/soham-marik-39093a13a/>

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.

INTERESTS

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.