



SOURAV SANGANERIA

Course : **B.E. (Hons.)**, Computer Science, 2021
Email : f20171625@hyderabad.bits-pilani.ac.in
Mobile : 9090649888
CGPA : 9.26



ACADEMIC DETAILS					
COURSE	SPECIALIZATION	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS XII	PCM	RAVENSHAW JR. COLLEGE	CHSE(O)	502 MARKS	2017
CLASS X	-	STEWART SCHOOL	ICSE	95.67 %	2015

Subjects / Electives	Object Oriented Programming, Data Structures and Algorithms, Database Management System, Operating Systems, Computer Networks, Discrete Structures for Computer Science, Foundations of Data Science, Applied Statistical Methods, Machine Learning, Data Mining, Artificial Intelligence, Software Engineering
Technical Proficiency	Java, C++, Node.js, React.js, Django, Python3, SQL, Git, Competitive Programming, Machine Learning, Deep Learning

SUMMER INTERNSHIP / WORK EXPERIENCE	
Summer internship, Defence Research and Development Organization(DRDO-RCI)	May 2019 - Jul 2019
Worked on the project titled " Neural Networks for Object Detection " in which a model was trained to detect all the cars present in an image and a bounding box was generated around each of them. <ul style="list-style-type: none">Labelling was used for efficiently making the required dataset.Tensorflow object detection API was used for training the model.	

PROJECTS	
Designing and Implementing a system for CSIS labs management - Laboratory Project	Aug 2019 - Dec 2019
A laboratory project under Prof.R.Gururaj, Associate Professor, Computer Sc. & Information Systems Department and Faculty Incharge (FIC) for Computer Centre, Bits Pilani Hyderabad Campus. <ul style="list-style-type: none">The project involved implementing a portal which will have the functionalities of Lab booking, requesting for new software installations and installing the same on selective systems. connected to the server in the CSIS labs of campus.MERN stack(MongoDB, Express.js, React.js and Node.js) was used for the implementations.	
Exam Scheduling Portal - Full Stack Web Development	Apr 2019 - Apr 2019
The Exam Scheduler System will help the administration of an institution to schedule the exam for all courses in the most efficient and optimized way. This project was built as a part of Database Management Systems course. <ul style="list-style-type: none">Django was used as web framework for server side rendering.MySQL was used as database management systemSpecial attention was given to relational database concepts of ER Modelling and Normalization.	
Data Mining on Crime Statistical Data - Data Science	Jan 2020 - Present
<ul style="list-style-type: none">The project involves designing and implementing the complete Data Mining processing pipeline from data-set selection and pre-processing, to analysis and drawing insights from real world data-sets.During the process, we will get familiarized with essential techniques and key algorithms in data mining.We'll get hands-on experience in time series analysis, clustering and classification on real world crime statistics data.	
Class Pulse - Web Application	Jan 2020 - Present
A laboratory project under Prof. Narasimha Bolluju, Visiting Professor at Bits Pilani Hyderabad campus. <ul style="list-style-type: none">The application is a lecture feedback utility that aims to assist students in posting their feedback with reference to the topic(s) being covered during a lecture session and offer analytics to instructors on the feedback provided in the classroom and subsequent discussion.MERN Stack(MongoDB, Express.js, React.js, Node.js) will be used for the implememntations.Scrum framework will be followed throughout the project.	
Online Hotel Booking Portal - Computer Application	Oct 2018 - Nov 2018
This portal allows users to compare the prices of available rooms in specific hotels and book the room of their choice. This project was built as a part of Object Oriented Programming course. <ul style="list-style-type: none">Java's Swing toolkit was used for GUI.NetBeans was used as IDE.MySQL was used for database management.	

EXTRA CURRICULAR ACTIVITIES	
Teaching Assistant	I have been working as a Teaching Assistant for a humanity taken by Dr. Aswathy Raveendran, Associate Professor in Bits Pilani Hyderabad Campus.
Sports	Cricket and Table Tennis

LANGUAGES KNOWN	
Hindi, Odia, English	