



AKHIL SANKER, RA1811026020035
Course : **B.Tech**, Computer Science and Engineering, 2022
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ACADEMIC DETAILS				
COURSE	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS X	Army Public School	CBSE	9.2 CGPA	2015
CLASS XII in Computer Science	Army Public School	CBSE	74.8 %	2017
B.Tech	SRM Institute of Science and Technology - Ramapuram Campus		9.76 CGPA	2022

Subjects / Electives	
Technical Proficiency	Algorithms, Data Science, Natural Language Processing, IBM Watson Analytics, C++ Language, Deep Learning, Web Development, Tensorflow, Artificial Intelligence, Computer Vision, Data Analytics, SQL Programming, Data Structures, Python3, Version Control

SUMMER INTERNSHIP / WORK EXPERIENCE	
Machine Learning Developer, Altrekruit	Dec 2020 - Feb 2021
Full Stack Developer, Reallos Technologies • Developing Web Apps using ReactJs , Html-Css ,Javascript • Documentation Works	Dec 2020 - Present
Machine Learning Engineer / AI Developer, Reallos Technologies • Developing and Deploying Machine Learning Models. • Development of API's using python. • Documentation • Testing and Debugging	Oct 2020 - Dec 2020
Machine Learning Engineer, Omdena • Working on Preventing Online Child Abuse. • Working for "Save The Children" Organization. • Part of 67-member team from 27 different Countries.	Aug 2020 - Present
Data Analyst, Positive Integers Limited • Performed Day to Day Activities of a Data Analyst. Predictive Analysis, Modelling Data to ensure meaningful insights Extraction. • Complex Data Mining, Web Scraping, Visualization, Representation of data was performed with Excel Sheets for Business Analysis.	Mar 2020 - Aug 2020
Technical Reviewer, Packt • Reviewed Courses based on Python, Data Analysis, Machine Learning, Node-Red. • Prepared and reviewed questionnaires for students and course attendees.	Jan 2020 - Mar 2020

PROJECTS	
English Language Proficiency Model - Machine Learning A complex Machine Learning Pipeline Along with multiple Models to produce a score of "English Reading Skill Assessment". Still Under Developement	Dec 2020 - Present
Compound2Drug - Drug Discovery A network data is composed of nodes and edges. An example of such network data would be social network data where nodes are people and their interests and edges are interconnections between them. Many useful applications such as customized suggestions for social media users have been developed through the use of Machine/Deep learning algorithms which accomplish this through node classification and link prediction protocols. The bindingDB database was downloaded and a network was constructed using NetworkX wherein the nodes where compounds and proteins and edges where the interactions between them. Lower the IC50 value for a compound to inhibit a particular protein, the shorter the edges were that link them together. Each compound is identified using the PubChem Compound ID (CID) and proteins are identified with the Protein Data Bank ID (PDB ID).To generate 2D embeddings of the network, the node2vec [29] python package was used. The module learnt the embeddings of 65 graphs and they were used to perform a machine learning/deep learning based multi-class classification .	Nov 2020 - Jan 2021
PDF Signature Manipulator - Computer Science - Core - Manipulating PDF's	Oct 2020 - Nov 2020