ABHISHEK

ML AND DATA SCIENCE ENTHUSIAST

PERSONAL SKILLS

- Fast learner
- Creative spirit
- logical and out of box thinking
- Time management
- Good listener

CONTACT

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ABOUT

Ambitious engineering student pursuing bachelor of technology in mechanical engineering degree and eager to contribute developed knowledge in the field of Data Science and Machine Learning. I love the patterns in data. Currently I am actively participating in competitions related to machine learning and data science.

PROFESSIONAL SKILLS

- In depth knowledge of most of famous algorithms of machine learning and able develop from scratch.
- knowledge of deep learning concepts.
- Data visualizations and Feature Engineering.
- A working knowledge of python libraries - pandas, Scikit-learn, Tensor flow and basic python, Matplotlib, NumPy and seaborn
- A programmer with continuous practice of more than 1.5 year in java, C, PHP and JavaScript.
- Git, Gitlab and NPM.
- basic knowledge of C++, C.
- SQL.
- Web development Skills: html, CSS, React, node, REST APIs, SQL, bootstrap

WORK EXPERIENCE

FULL STACK WEB-DEV INTERN, CHILLITRAY

FEB 2021- MAY 2021

- Developing Rest APIs for the projects
- Learned about the community and production standards of programming.
- Learned about the Git and Gitlab
- Learned about the way of working in real world projects, for example timelines and collaborations with other projects.

HACKTHONS

SHASTRA,HACKTHON IIT MADRAS

FEB-2021

- object detection, character recognition.
- completed the solution

DL,HACKTHON IIT MADRAS

April-2021

- 2nd Rank
- Deepfake Image classification.
- Developed a convolution architecture with skip connections, interconnection ,Depthwiseseperableconvolutions, Res Blocks

UNIV-AI,HACKTHON

MARCH-2021

- Got roc-auc score of 0.869 (best was 0.892) (under top 20%)
- Data Augmentations, Feature engineering, classification.
- Used Stacking of 6 algorithms on top a neural network.

PROJECTS

SBOARD
ELECTRICAL CLUB, CENTER FOR INNOVATION IIT MADRAS

FEB 2021- present

- Learned about R-pi and Embedded Systems.
- Did research for haptic touch and Ultrasonic feedback.
- Now building software for the user interface and functionality.

EXTRACIRRICULAR

march 2021-present (Full time)

NSS IIT MADRAS
PR- Manager

- Learned about public speaking
- Having conversations with speakers

august 2019-may-2020 (Full time)

Mechanical Engineering Association ,IIT madras
Coordinator in team

- First, I learned about html, CSS and JavaScript and then created templates for websites with a team.
- Improved user interface to give a better user experience

EDUCATION

Bechlor of technology , IIT MAdras
Mechanical engineering| 2019 - 2023

Machine Learning Specialization , Washington University (Coursera)
march 2020 - April 2021

MAA SARASWATI SCHool , Kaithal
march 2017 - march 2018
Got passed with first rank in school with core subjects
Math's, physics and chemistry.

RELEVENT COURSES

From College
ma1100(multivariable calculus).
ma1020(series and matrices)
ma2020 (differential equations)
cs1100(c programming)
m2040 (probability and statistics) (attended this course without official registration in college)