

ABHISHEK

ML AND AI ENTHUSIAST

PERSONAL SKILLS

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

CONTACT

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thakur Abhishek sain | LinkedIn

ABOUT

Ambitious engineering student pursuing bachelor of technology in mechanical engineering degree and eager to contribute developed knowledge in the field of Robotics and AI. Currently I am actively participating in competitions related to machine learning and data science.

PROFESSIONAL SKILLS

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

WORK EXPERIENCE

FULL STACK WEB-DEV INTERN, CHILLITRAY

FEB 2021- MAY 2021

- Developed Rest APIs for the projects
- Learned about the community standards of programming
- Learned about the Git
- 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
- Developed a convolution architecture with skip connections, interconnection, DepthwiseSeperable convolutions, and Densblocks.
- Classification of Images generated by GANs and real images

UNIV-AI, HACKTHON

MARCH-2021

- Got a 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 of a neural network.

PROJECTS

SBOARD

ELECTRICAL CLUB, CENTER FOR INNOVATION IIT
MADRAS

FEB 2021- present

- Learned about R-pi, ROS, 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 - may 2021

MAA SARASWATI SCHOOL , Kaithal

march 2017 - march 2018

Got passed with the first rank in school with core subjects
Math's, physics and chemistry.

RELEVANT 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)