

Abhinav Tembulkar

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EXPERIENCE

JMOON TECHNOLOGIES PVT LTD

Internship | Machine Learning Intern | Feb 2021 - Apr 2021

- Built backend for company's Investment decision-making app using flask and mongoDB database.
- Worked on financial market data using several regression algorithms and data visualisation tasks
- Worked on automating model training task and improving their performance using early stopping

PROJECTS

FACEMASKDETECTOR Sep 2020

- A ML model for combating corona virus by **detecting face masks** on peoples faces. Built using tensorflow framework .Uses pretrained model weights trained in **tensorflow** on dataset provided at [this link](#).
- Github link for repository and code: [Github link](#)
- https://abhinavtembulkar.github.io/simple_mask_classifier

MOVIE-REVIEW-SENTIMENT-PREDICTION Jun 2020

- A model which predicts positive or negative review based on a simple movie review dataset.Uses **SWEM** model for sentiment analysis.Built on **Pytorch** framework.
- <https://github.com/abhinavtembulkar/Movie-sentiment-prediction>

GALAXYCNNCLASSIFIER Jun 2020

- A **CNN** classifier built using **Pytorch**. Classifies galaxy images into 10 output classes using Galaxy10 dataset.
- <https://github.com/abhinavtembulkar/galaxyCNNclassifier>

REACTIVESOUNDBARS Feb 2020

- An innovative music visualization using frequency spectrum.Built using **p5.js,HTML,CSS,JS**.
- <https://abhinavtembulkar.github.io/ReactiveSoundBars/>

ACHIEVEMENTS

- Rated **3 star** on **Codechef**, Max rating **1641**.Secured Global rank **114** in Codechef Long Challenge December.
- Rated **6 star** in problem solving on **Hackerrank**
- Published article titled Anti-aliasing on **GeeksforGeeks** [Article Link](#)

TRAININGS

INTRODUCTION TO MACHINE LEARNING - DUKE UNIVERSITY

COURSERA

Jun 2020 - Jul 2020

C++ FOUNDATION WITH DATA STRUCTURES

CODING NINJAS

Sep 2017 - Nov 2017

EDUCATION

USICT (GGSIPU MAIN CAMPUS), DWARKA, NEW DELHI

B.TECH CSE (COMPUTER SCIENCE AND ENGINEERING)

2017 - 2021

CGPA till 6th sem: 7.69

BHARATIYA VIDYA BHAWAN , KG MARG, NEW DELHI

INTERMEDIATE (CBSE)

2015 - 2016

Percentage: 93.60%

BHARATIYA VIDYA BHAWAN , KG MARG, NEW DELHI

MATRICULATION (CBSE)

2013 - 2014

CGPA: 10

SKILLS

PROGRAMMING LANGUAGES

Python • C/C++ • Javascript

FRAMEWORKS

Pytorch • Flask • NumPy • Matplotlib • Scikit-Learn • tensorflow • Machine Learning • Deep Learning • SQL (basic)

OTHER SKILLS

Data structures & algorithms

• Web Development • MongoDB

• Git/Github • Heroku

COURSEWORK

UNDERGRADUATE

- Data Structures and Algorithms
- Algorithm Design and Analysis
- Object Oriented Programming
- Operating Systems
- Database Management System(DBMS)

LINKS

Github://

<https://github.com/abhinavtembulkar>

LinkedIn://

<https://www.linkedin.com/in/abhinavtembulkar-12b665150/>