

Mahesh BHARADWAJ K

Machine Learning | Natural Language Processing | Computer Vision

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📞 MaheshBharadwaj

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📍 Chennai, India

📅 Born on 23 March 2000 (Age : 20)



SUMMARY

I am currently pursuing my bachelors in Computer Science and Engineering from SSN College of Engineering. I am interested in the fields of **Machine Learning, Deep learning and Computer Vision**. I would like to work in the aforementioned fields to develop real word solutions.

EDUCATION

SSN College of Engineering, Chennai	2020*
Bachelor of Engineering, Computer Science	Current GPA : 9.14(Semester III)
PS Senior Secondary School, Chennai	2018
12 th Standard	96.2%
PS Senior Secondary School, Chennai	2016
10 th Standard	10.0 CGPA

EXPERIENCE

Present April 2020	Junior Reseach Assistant, SOLARILLION FOUNDATION, Chennai <ul style="list-style-type: none">> Working as a team to research in machine learning> Guiding new members in project phase <div>git keras scikit-learn tensorflow</div>
March 2020 February 2020	Project Assistant, SOLARILLION FOUNDATION, Chennai <ul style="list-style-type: none">> Handling CSV files, JSON files> Cleaning Data and filtering relevant data> Finding Relationship between features and making sense of the raw data <div>matplotlib scikit-learn</div>

SKILLS

Programming Languages	Python 3., C++, Java, HTML, CSS, JavaScript, Dart
Frameworks	scikit-Learn, matplotlib, tensorflow, keras, flutter (App Development)
DataBase Systems	Oracle Database, MySQL, Mongo DB
Integrated Development Environments	Visual Studio Code, Eclipse, Code Blocks

PROJECTS

CONNECT 4 GAME USING AN AI ENGINE

2020 - In Progress

 [github repository](#)

This project aims to develop the famous "Connect Four" game on a webpage where in the user plays against an AI which learns the game progressively

Artificial-Intelligence JavaScript Flask HTML

FLIGHT DELAY PREDICTION

2020

 [github repository](#)

This project aims to develop a two stage model to predict if flights will be delayed upon arrival and if so, the delay in minutes based on the weather data at departure

machine-learning scikit-learn pandas jupyter notebook

EXPENSES TRACKER MOBILE APPLICATION

2019

 [github repository](#)

This app aims to track the expenses incurred daily. Provides a bar chart depicting the amount of money spent in the past 7 days as a percentage of the total amount spent in that period. Designed based on the *google Material Design Theme*

Flutter SDK Dart SQLite Android Studio

HOTEL MANAGEMENT SOFTWARE

2019

 [github repository](#)

This project aims to create a command line tool to manage the daily operation involved in managing a hotel. This Project supports reservations for the aforementioned rooms using priority queues.

C AVL-Tree Priority Heaps File Handling

REAL TIME ENCRYPTION DECRYPTION SIMULATOR

2018

 [github repository](#)

This projects aims to simulate the real time encryption of files sent across a network using public key principles.

Win32 API C++ CodeBlocks

PHARMACY MANAGEMENT SOFTWARE

2018

 [github repository](#)

This project aims to create a software to keep track of inventory in a pharmacy and provides billing operations.

C++ File Handling CodeBlocks

COURSES COMPLETED

TENSORFLOW IN PRACTICE

2020

 [Certificate](#)

Series of 4 courses on the real world application of tensorflow.
Offered by *Deeplearning.ai* on **coursera**

tensorflow keras

DEEP LEARNING SPECIALIZATION

2020

 [Certificate](#)

Series of 5 courses dealing with the fundamentals of deep neural networks
Offered by *Deeplearning.ai* on **coursera**

DNN CNN LSTM GRU forward propogation back propogation

VERSION CONTROL WITH GIT

2020



Certificate

Course on the basics of version control and workflow management using multiple branches

Offered by *Atlassian* on **coursera**

git version-control

EXTRA CURRICULAR

National Service Scheme

2019-2020

Cleaning the college campus

De-silting a pond in Chennai

TCS IT Quiz 2018

4th Place in City Finals

Saarang General Quiz 2017

2nd Place

Hosted the General Quiz at Scintillations (inter school cultural meet)

2017

Texas Instruments Quiz 2015

3rd Place in City Finals