Mohd Asim Khan

PERSONAL DETAILS

I am a software developer with robust problem-solving skills and proven experience in creating and designing software in a test-driven environment.

RELEVANT SKILLS

- Python
- C++
- Machine Learning
- Deeplearning
- Tensorflow
- Pytorch
- Yolo
- Turicreate
- Sagemaker
- Amazon ec2
- Flask
- OPenCV
- MySql
- Data Structure

WORK EXPERIENCE

**Associate Software Developer
2020 feb - Present**

Employment Type:full time
Duration: Feb/2020 – Present

-Developed and implemented software solutions based on client requirements.

MY INTERESTS

- Cricket
- Photography
- Bowling
- Travelling

CONTACT DETAILS
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CERTIFICATIONS

-1.Machine learning(Institute: Coding Blocks-Delhi)

2.Python Training(Spoken Tutorial, IIT Bombay)

3.HackerRank(Problem Solving)

STRENGTHS

1.Quick learner
2.Self-motivated
3.Adaptable and efficient in work situations with changing responsibilities
4.Innovative

EDUCATION BACKGROUND

Jamia Hamdard

Bachelor of technology(CS)

- Degree anticipated in May 2020
- CGPA: 8.01

PROJECT DETAILS

1.Project Name: Real time custom object detection Training
Description
The project was done using yolo v3 and Flask framework.It was built to
train and deploy the custom object detection model easily for different projects.

2.Project Name: Real time custom image Classification Training
Description

The project was doneTuricreate,pytorch,tensorflowand Flask framework.It was built to train and deploy the
custom image classification model for ios apps.

3.Project Name: Automation of real estate(BIM 7D)
Description

The project was done using Turicreate,pytesseract,Tensorflow,OpenCV and Flask framework.It was built to
Automate the following task in real state.

-Floorplan detection
-Document Classification.
-Extraction of Data from floorplan using pytesseract and Tika.
-Count of no. of rooms ,bathrooms,offices etc.
-Symbol Detection
-Sensor detection using ios app.

4.Project Name: Sequence to Sequence Chatbot
Description

The project was done using Tensoflow,NLP and Flask
framework.I built this project as my major project.

5.Project Name: House Price Prediction
Description

This project is developed to predict houses price based on
various given features of a house. Dataset used is Boston House
dataset. Algorithm used is Linear Regression for multiple
features. Also gradient descent implementation is explored &
Implemented in it.

6.Project Name: Air Quality Prediction
Description
This project model is built to predict pollution level in
atmosphere when features of air are given to the model. In this project
regression used is Locally Weighted Regression for better decision
boundary and for optimization "closed form solution" of regression is
used to minimize loss function.

7.Project Name: Mushroom Classifier

Description

This project is built to predict category/class of
mushroom from mushroom data set using naive bayes. For conditional
probability implementation no python library is used, mathematical
computations of the project have been built completely from scratch.

8.Project Name: Movie Review Classification

Description

Target of this project is to classify given movie review
as positive or negative. This model is trained and tested on 50 thousand
movie reviews, giving testing accuracy about 88%. Data cleaning is done
by implementing "Natural Language Preprocessing" pipeline, also NLTK
has been used. Classifier used for training is "Bernoulli Naïve Bayes".

9.Project Name: Titanic Survivor Prediction

Description

This project model predicts which passenger will survive in
a ship if a collision/accident happens. Prediction is done on various
parameters of passenger like age, gender, fare class etc.
Algorithm/techniques used in this project are "Decision Trees & Random
Forests".

10.Project Name: Image Classification using SVM

Description

The goal of this project is to classify animal images by
giving animal name/tag in the output. The algorithm used in this is
SVM(Support Vector Machine).

11.Project Name: Emoji Predictor

Description

This project is built to predict emoji/emotions for a given
statement by user. Transfer Learning is explored & implemented in this
project. It is a LSTM based model.

I hereby declare that the above information is correct to best of my knowledge.

(Mohd Asim Khan)