Mohammad Ali Khan

B.tech (COMPUTER SCIENCE & ENGINEERING)

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WORK EXPERIENCE

Data Science Intern
Nuclei Technologies

07/2020 - 07/2020   *Mumbai (M.H)*

Achievements/Tasks

- Worked very closely with development team & performed data visualization, translating complex data sets into comprehensive visual representations.
- Developed Machine Learning Model to predict sales based on the location of the product in a store.
- Performed tests of prototypes and final product and exported the model for further use.
- Learnt new techniques for data visualization and about different methods for testing of deployment level model.

PROJECTS

Object Localization for self-driving car
- Implemented methods and of Deep Learning for motion planning of self-driving car through Object localization. Used Various Deep Learning Methods like CNN, RNN, Autoencoder-Decoder, RCNN etc.

Big-Mart Sales Prediction and Analysis
- Performed task like Data cleaning , Exploratory Data Analysis, Feature Engineering and model building. used various Machine Learning Algorithms.

Hand Gesture Controlled Robotic Arm
- Built a Hand Gesture controlled robotic Arm that can be used by physically challenged people or can be used in various other ways. Used Arduino uno as a controller. Flex band sensor to obtained the bend data from hand and used a gyroscope to capture positional data of another hand.

Skin Cancer Classifier using CNN
- Skin cancer classification using Deep Learning Algorithm like CNN R-CNN for image segmentation. Used transfer learning method for better performance. Used ResNext architecture with 3 layers weight update. Achieved Validation accuracy of 92%.

EDUCATION

B.tech in Computer Science & Engineering
SRM Institute Of Science And Technology

07/2018 - 05/2022   *CGPA-8.0*

SKILLS

Machine Learning & AI | Linux | Git | flask

Data structure & Algorithm | PyTorch | SciKit learn

CERTIFICATIONS & ACHIEVEMENT

Google Cloud Badges
https://google.qwiklabs.com/public_profiles/f1858cf6-deb1-41e1-bee0-b5c1e3f27af3

Visual Perception for Self-Driving Cars
Credential ID :- Q2WZQ9YGMDSC

Deep Learning
One Fourth Labs & GUVI

JP Morgan & Chase Virtual Internship

SRM-IET Hackathon (7th Position in Healthcare)

Incubate India Hackathon (8th Position)

Valeo-SRM Hackathon- Organiser

Top 7% in Kaggle Titanic Dataset Competition

Best Innovative Idea in UC Berkeley & Sutardja Center Entrepreneurship and Technology startup program.

University of California Bruin MUN

COMMUNITY

Active participant and volunteer at Lean Six Sigma Community SRM IST

Active participant and volunteer at GDG Indore

PROGRAMMING LANGUAGES

Language	Proficiency
Python	● ● ● ● ●
C / C++	● ● ● ● ○
SQL	● ● ● ● ○
R	● ● ● ○ ○
HTML / CSS	● ● ● ○ ○