KARTIKEYA MANCHANDA

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OBJECTIVE

As an Electronics and Computer Science Engineer with a knack for problem solving and possessing process-thinking skill, I wish to kick-start my career within a company that embraces creativity, innovation and offers professional growth while being resourceful .

PROJECTS

Road Traffic Sign Detection and Driver Alert System(Ongoing)   April 2019 - Present

· Detect/Classify the traffic signs using the TensorFlow Object Detection API and training for our custom dataset.

Detecting Fake News

· Built a model to accurately classify a piece of news as REAL or FAKE using sklearn.

Predictive Text System

· Replicate the feature of autocompletion of words provided by many applications using the Trie data structure.

Mobile Shop Management and Specs Comparison

· A DBMS based web application built upon the Django Framework using SQLite database.

TRAININGS / COURSES

Machine Learning and DeepLearning Certification   May 2018 - July 2018
Coding Blocks, New Delhi.

· Implemented various supervised and unsupervised learning algorithms and wrote them from scratch.

Foundation of Python Programming   January 2018 - March 2018
Runestone Interactive at runestone.academy

· The course leadfrom the basics of writing and running Python scripts to more advanced features such as file operations, using Python modules etc .

Version Control with Git   December 2018 - January 2019
Udacity at udacity.com

Data Structures and Algorithms Course   June 2019 - September 2019
GeeksforGeeks at geeksforgeeks.com   *Certified with grade 'A'*

SKILLS AND INTERESTS

Technical Skills	Python, Machine learning, Java, C++, Keras, Linux, SQL Plus, Java, Arduino
Other Software	Pycharm, PhotoShop, AutoCAD, MS Office, Google Colab
Interests	Artificial Intelligence, Problem Solving, IoT, Politics, Football

EDUCATION

Bachelor of Engineering in Electronics and Computers
Thapar Institute of Engineering and Technology, Patiala.
July 2016 May 2020, CGPA: 8.44/10.00

Senior Secondary Examination, CBSE, Class XII
National Public School, New Delhi.
March 2015 - March 2016, 89.2%

Secondary Examination, CBSE, Class X
Model School, Rohtak
March 2013 - March 2014, CGPA: 9.2/10.0