PRATIK MUKESH SAVLA

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EDUCATION

B. TECH |2017-07 - 2021-05 | SRM INSTITUTE OF SCIENCE AND TECHNOLOGY |8.8 - CGPA
MAJOR: COMPUTER SCIENCE

HSC GRADE 12TH |2015-07 - 2017-04 | K. M AGRAWAL JR. COLLEGE OF ARTS, COMMERCE & SCIENCE | 75%
MAJOR: PHYSICS, CHEMISTRY, MATHEMATICS AND ELECTRONICS

SSC GRADE 10TH | 2005-06 - 2015-04 | MOHINDAR SINGH KABAL SINGH ENGLISH HIGH SCHOOL | 80%

EXPERIENCE

AI RESEARCHER | NEXT TECH LAB | 2018-02 - PRESENT
DOING RESEARCH IN COMPUTER VISION AND NEURAL NETWORKS.
WORKED ON VARIOUS PROJECTS BASED ON MACHINE LEARNING, COMPUTER VISION AND DEEP LEARNING.

TRAINEE | STRATEGIC TECHNOLOGY MANAGEMENT INSTITUTE @ NATIONAL UNIVERSITY OF SINGAPORE | 2019-06 – 2019-06
LEARNED DATA ANALYTICS USING MACHINE LEARNING AND DEEP LEARNING ALGORITHMS.
MADE MULTIPLE PROJECTS AS THE PART OF INTERNSHIP.

TRAINEE | HEWLETT PACKARD ENTERPRISE EDUCATION| 2019-06 – 2019-06
LEARNED BASICS OF HADOOP, SQOOP, FLUME, HIVE, HBASE, SPARK ADMINISTRATION.
WORKED ON THE PROJECT OF DATA INGESTION AND ANALYSIS ON US TWITTER AIRLINE DATASET.

PROJECTS

PARKING SPACE ALERT
PARKING SPACE ALERT IN REAL TIME VIA SMS USING TENSORFLOW M-RCNN MODEL BY MATTERPORT.

AIRLINE TWITTER SENTIMENT ANALYSIS
SENTIMENT ANALYSIS ON US AIRLINE TWITTER DATASET USING HIVE ON CLOUDERA.

VISUAL QUESTION ANSWERING
REAL WORLD VISUAL QUESTION ANSWERING MODEL USING TRANSFER LEARNING, TRAINED ON VQA DATASET USING KERAS

PONG AI
A SIMPLE NEURAL NETWORK FOR PLAYING PONG GAME IN BROWSER WHICH TRAINS BY PLAYING WITH YOU USING TENSORFLOW JS

LIVE FACE RECOGNITION
IMPLEMENTATION OF TRIPLET LOSS FUNCTION FOR FACE RECOGNITION USING OPENCV API AND NUMPY

TEXT SUMMARIZER
SIMPLE TENSORFLOW IMPLEMENTATION OF TEXT SUMMARIZATION AND ABSTRACTIVE TEXT SUMMARIZATION USING NLTK LIBRARY.

SKILLS
ARTIFICIAL NEURAL NETWORKS, COMPUTER VISION, DATA ANALYTICS
LANGUAGES
PYTHON, C, C++, JAVA, R, HTML, JAVASCRIPT, C#, MYSQL
DEEP LEARNING FRAMEWORKS
TENSORFLOW, KERAS, PYTORCH
RELEVENT LIBRARIES
SCIKIT-LEARN, PANDAS, NUMPY, MATPLOTLIB, OPENCV, ALENNLP
DATA MANAGEMENT
PATTERN AND TREND IDENTIFICATION, VISUALIZATION OF DATA INSIGHTS

COURSEWORK
COURSERA
NEURAL NETWORKS AND DEEP LEARNING
IMPROVING DEEP NEURAL NETWORKS: HYPERPARAMETER TUNING, REGULARIZATION AND OPTIMIZATION
STRUCTURING MACHINE LEARNING PROJECTS
CONVOLUTIONAL NEURAL NETWORKS
SEQUENCE MODELS
MACHINE LEARNING BY PROF.ANDREW NG