CURRICULUM VITAE

VPO Mahilpur, District Hoshiarpur

India

+919779720767

slovepreet435@gmail.com

LOVEPREET SINGH

SKILLS & ABILITIES

Python

R

Tableau

TensorFlow

MS Excel

Machine Learning

Salesforce

EDUCATION

MASTERS OF TECHNOLOGY – DATA SCIENCE AND ANALYTICS (2022–24)
Lovely Professional University, Phagwara - Affiliated to NCTE, COA, PCI, IAP, BCI, UGC

Aggregate: NA

BACHELOR OF TECHNOLOGY- AUTOMOBILE ENGINEERING (2016-20)
Lovely Professional University, Phagwara - Affiliated to NCTE, COA, PCI, IAP, BCI, UGC

Aggregate: 8.68 GPA

GRADE 12TH NON-MEDICAL (2016)
Rayat Bahra School of Education, Hoshiarpur - PSEB

BoardAggregate: 80.44%

GRADE 10TH (2014)
Guru Nanak Public School, Mahilpur - PSEB Board

Aggregate: 90.61%

TRAINING

Two Months Industrial Training- Sonalika International Tractors Ltd. Hsp.

IT Automation with Python Specialization by Google

Data Engineering, Big Data and Machine Learning Specialization by Google

TensorFlow Developer Certification Program by DeepLearning.AI

Natural Language Procession Specialization by DeepLearning.AI

AI in Medicine Specialization by DeepLearning.AI

Applied Data Science with Python Specialization by University of Michigan

Data Science: Foundations using R Specialization by Johns Hopkins University

LEADERSHIP	Held the position of Class-Representative in the final year of the University. Coordinator of Technical ASME-EFX in the University.
PROJECT	**WEB APP FOR DETECTING PNEUMONIA USING CONVOLUTIONAL NEURAL NETWORK** Repository link - https://github.com/LovepreetSingh-09/Pneumonia_Detection In this project a web application which used a deep learning model for detecting pneumonia from x-ray images was developed by me with the validation and test accuracy close to 90%. Various python libraries such as tensorflow, flask, scikit-learn, numpy and PIL were used to create and fine-tune the model and then to integrate it with the application. **ELECTRIC BIKE WITH AUTOMATED RETRACTABLE WHEELS** Project Supervisor - Mr. Sanjeev Kumar (Assistant Professor) In this project a pair of retractable wheels were adjusted at the back side of the bike. The ECU was programmed in such a way that whenever it receives the signal from sensor about the low speed (15 kmph) of the vehicle, it sends a signal to the hub-motor to actuate the wheels to maintain the balance and prevent accidents which oftenhappens with short-heighted and old-age people on two-wheelers. **US COVID-19 CASES ANALYSIS AND PATTERN PROJECTION** Repository link - https://github.com/LovepreetSingh-09/US_COVID-19_Analysis This project is done by me to analyze the COVID-19 cases in US by doing statistical analysis on the data recorded day by day. A chart for active cases and deaths was created separately to understand the trend and pattern of the pandemic.
ACHIEVEMENTS	Finished 4 years of bachelors at 2nd position in the class in Lovely Professional University. Recipient of Bronze Medal for being 3rd in the grade 12th by the Rayat Bahra Institute. Awarded with the cash price of Rs.5500 by the school authority for being in top 5 position in Matriculation Exams.
LANGUAGE	English Hindi Punjabi
INTEREST	Deep Learning Learning About New Technologies Listening Music Playing Cricket

Signature