

PRUTHIVI RAJ BEHERA

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EDUCATION	<i>Masters of Technology</i> , Computer Science Engineering with Specialization in AI IIIT Delhi, New Delhi Coursework: Deep Learning, Information Retrieval, Machine Learning, Graduate Algorithms, Data Mining, Big Data Mining in healthcare.	Aug 2020 - Present CGPA 8.38/10 (upto 1 st Sem)
	<i>Bachelor of Technology</i> , Information Technology Guru Gobind Singh Indraprastha University, Delhi B.Tech Project: Automatic License Plate Recognition System	Aug 2015 - Aug 2019 CGPA 8.18/10
EXPERIENCE	<i>Teaching Assistant at IIIT Delhi</i>	Aug 2020 - Present
	<ul style="list-style-type: none">Teaching assistant for the following courses:<ul style="list-style-type: none">→ Intro to Programming (CSE101) from Jan 2021 to Present.→ Discrete Mathematics (CSE121) from Aug 2020 to Dec 2020.Conducted tutorials and handled evaluation along with administrative tasks for a group of ~40 students taking the respective courses.	
	<i>Machine learning Intern at TCS-iON</i>	July 2018 - Aug 2018
SKILLS	<ul style="list-style-type: none">Did a 6 week internship at TCS-iON.Worked on an object detection application using Tensorflow with Tensorflow Object Detection API.	
	<i>Web Developer Intern at CyberCure Technologies</i>	June 2016 - Aug 2016
	<ul style="list-style-type: none">Built a home designing website homeartindia.com.Frameworks used:- Bootstrap and jQuery.	
SELECTED PROJECTS	<i>Languages:</i> Python, C, C++ <i>ML/AI:</i> OpenCV, NLTK, Sklearn, Keras, Tensorflow <i>Web:</i> HTML, CSS, JavaScript, PHP, jQuery, MySQL	
	<i>COVID-19 Fake News Detection</i> Machine Learning/NLP	Oct 2020 - Dec 2020
	<ul style="list-style-type: none">Implemented a Recurrent Neural Network(RNN) based model to classify tweets as real or fake news to achieve a accuracy of 93.925%.	
	<i>Spam and Fraudulent Activities Detection</i> Machine Learning/NLP	Oct 2020 - Dec 2020
	<ul style="list-style-type: none">Implemented a LSTM based model for spam and fraudulent detection in E-Mails and messages.	

- Extracted features from LSTM Embedding layer and fed to different baseline models to achieve a improved accuracy.

Twitter Sentiment Analysis
Machine Learning/NLP

Mar 2019

- Used NLTK and textblob to perform tweet sentiment analysis for a series of tweets.

Automatic License Plate Recognition System
Machine Learning/OpenCV

(B.Tech Major Project)

- Implemented a Convolutional Neural network to detect number plate for OCR. Used OpenALPR dataset for training the model.
- Also implemented various baseline models such as Logistic Regression, SVM.

Leaves Classification for Medicinal Purposes
Machine Learning/OpenCV

(B.Tech Minor Project)

- Implemented a Convolutional Neural Network for Leaf Classification using shape features.

HONORS & AWARDS

- **Qualified GATE 2020** with All India Rank 1213 (~ 99 percentile).
- Recipient for **Google India Challenge Scholarship 2018** for the Front-End Web Developer track.
- Selected for **NTSE Scholarship** (National Talent Search Examination), among the top 1000 candidates from all over India.
- Qualified **TCS CodeVita 2018**.
- Qualified **Capgemini Tech Challenge 2018**.
- Won a web development quiz organized by APTRON Technologies among 100 other students.

EXTRA-CURRICULAR ACTIVITIES

- Organized various events in tech fest of GATES GTBIT 2016.
- Former Member, Developer Student Club.
- Attended 5 day workshop in IIT Delhi for Arduino Development.
- Former Member, Computer Society of India GTBIT and Technical Society GTBIT.