PRUTHIVI RAJ BEHERA

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EDUCATION

Masters of Technology, Computer Science Engineering — Aug 2020 - Present
(with Specialization in Artificial Intelligence)
IIIT Delhi, New Delhi
Coursework: Data Mining, Machine Learning, Introduction to Graduate Algorithms, Data Lifecycle Management.

Bachelor of Technology, Information Technology — Aug 2015 - Aug 2019
Guru Gobind Singh Indraprastha University, Delhi — CGPA 8.18/10
B.Tech Project: Automatic License Plate Recognition System

EXPERIENCE

Graduate Teaching Assistant at IIIT Delhi — Aug 2020 - Present
→ Discrete Mathematics

- Teaching assistant for the course Discrete Mathematics (CSE121).
- Conducted tutorials and handled administrative tasks for a batch of 45 students taking the course.

Machine learning Intern at TCS-iON — July 2018 - Aug 2018
TCS-iON, Noida

- Did a 6 week internship at TCS-iON.
- Worked on an object detection System using TensorFlow Objection Detection API.

Web Developer Intern at CyberCure Technologies — June 2016 - Aug 2016

- Built a home designing website homeartindia.com.
- Frameworks used:- Bootstrap and jQuery.

SKILLS

Languages: Python, C, C++
ML/AI: OpenCV, NLTK, Sklearn, Keras, Tensorflow
Web: HTML, CSS, JavaScript, PHP, jQuery, MySQL

SELECTED PROJECTS

COVID-19 Fake News Detection — Oct 2020 - Dec 2020
Machine Learning/NLP

- Implemented a Recurrent Neural Network(RNN) based model to classify tweets as real or fake news to achieve a accuracy of 93.925%.

Spam and Fraudulent Activities Detection — Oct 2020 - Dec 2020
Machine Learning/NLP

- 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 Mar 2019
Machine Learning/NLP

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

Automatic License Plate Recognition System (B.Tech Major Project)
Machine Learning/OpenCV

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

Leaves Classification for Medicinal Purposes (B.Tech Minor Project)
Machine Learning/OpenCV

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

HONORS & AWARDS

→ **Qualified GATE 2020** with All India Rank 1213 ($\sim$ 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.