SHRAVAN CHANDRA

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OBJECTIVE

Research Intern with 1+ years of experience in Machine Learning & Data Science, seeking full-time opportunities in Software Development Engineering/ Machine Learning/ Data Science roles.

EDUCATION

Bachelor of Technology in Electrical & Computer Science, PES University — 8.44 2017 - 2021
Relevant Coursework: Data Structures & Algorithms, Machine Learning, Deep Learning.
CNR Rao Scholarship Awardee. Minored in Computer Science.

Pre-Grad, Narayana PU College — 92% 2015 - 2017
Schooling, Maharshi Public School — 9.0 2005 - 2015

SKILLS

Languages	Python, Java, SQL, C/C++, JavaScript
Libraries & Softwares	TensorFlow, PyTorch, Scikit-Learn, Git, OpenCV, NLTK

EXPERIENCE

Research Intern Oct 2019 - July 2020
Center for Data Science and Applied Machine Learning *Bangalore, IN*

- Achieved 5% improvement for sentiment anlysis using NLTK and XGBoost.
- Extracted & interpreted relevant data from movielens dataset and predicted accurate behavior.
- Developed cartoons emotion recognition model with 85% accuracy using Keras and OpenCV.

PROJECTS

Customer Satisfaction Analysis Oct 2019 - Dec 2019

- Identified, analyzed, and extracted significant statistics from the customer satisfaction with different banks post demonetization survey data, using Python with NLTK and TensorFlow.
- Converted extracted data into actionable insights by predicting and modeling future behavior with 90% accuracy.

Low-Light Object Detection Feb 2020 - July 2020

- This project ranked in the top 3 of the Intel Student Competition.
- Implemented an end to end object detection model using Zero-DCE and YOLOv3, built using Python with OpenCV and PyTorch.
- Accomplished 25% improvement in mAP score compared to vanilla YOLO.

Sign Language Translator Aug 2020 - Present

- Working on a real-time translator, which can identify the hand signs and interpret them to any desired language.
- The model will be integrated with a Raspberry Pi later for modularity and low cost.

EXTRA-CIRRUCULAR ACTIVITIES

- Organizer of Epsilon-2018.
- Amateur Guitarist & Singer.