

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 Electrical & Electronics, PES University — 8.56 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, AWS, OpenCV, NLTK, Microsoft-Office

EXPERIENCE

Research Intern Oct 2019 - July 2020

Center for Data Science and Applied Machine Learning *Bangalore, IN*

- Achieved 5% improvement for sentiment analysis using NLTK and XGBoost.
- Successfully interpreted and extracted relevant data from movielens dataset.
- Developed cartoons emotion recognition model with 85% accuracy using Keras and OpenCV.

PROJECTS

Customer Satisfaction Analysis. Identified, analyzed, and extracted significant customer satisfaction data with the banks, post demonetization into actionable insights by predicting and modeling future behavior using Python with NLTK and TensorFlow.

Low-Light Object Detection. 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. This project ranked in the top 3 of the Intel Student Competition.

Sign Language Translator. Currently, working on a real-time translator as part of the capstone project, which can identify the hand signs and interpret them to any desired language. The model is integrated with a Raspberry Pi later for modularity and low cost.

EXTRA-CIRRICULAR ACTIVITIES

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