

# SHRAVAN CHANDRA

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## OBJECTIVE

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

## EDUCATION

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**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

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**Languages** Python, Java, SQL, C/C++, JavaScript

**Tools & Technologies** TensorFlow, PyTorch, Scikit-Learn, Git, AWS, OpenCV, NLTK, Microsoft-Office

## EXPERIENCE

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**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 emotion identification model with 95% accuracy using Keras and OpenCV.

## PROJECTS

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**Customer Satisfaction Analysis.** Identified, analyzed and extracted significant customer data into actionable insights by predicting and modelling future behavior using NLTK, and TensorFlow.

**Low-Light Object Detection.** Developed an end to end object detection model using Zero-DCE and YOLOv3 using OpenCV, and PyTorch. This project was placed in the top 3 of Intel Student Competition.

**Sign Language Translator.** Developing a real-time translator, which can identify the hand signs and interpret it to any desired language, integrated to a Raspberry Pi for modularity and low cost.

## EXTRA-CIRRICULAR ACTIVITIES

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