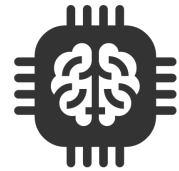# SRIHARSHA BOMMANA

AI Developer

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📍 Tamil Nadu, India in https://www.linkedin.com/in/harshabommana/ ○ github.com/harshablast

EXPERIENCE

Deep Learning Intern
Signzy Technologies

📅 May 2018 - July 2018 📍 Bangalore, Karnataka

- Worked in the RnD team of the company for two months where I was given my own project; "Forgery Detection in Identity Cards".
- After a detailed research and many research implementations, I finally developed a novel Deep Learning based computer vision algorithm which gave an accuracy of 85 on the external test set.

Technical Secretary
IEEE VIT SB

📅 January 2017 – Ongoing 📍 Vellore, Tamil Nadu

- Worked and collaborated on multiple technical projects in the domains of Machine Learning and Electronics and took multiple workshops in VIT Vellore as a Core Committee Member (Jan 2017 - August 2018).
- After being elected as the Technical Secretary (August 2018 - Ongoing). I oversaw the development of technical skills of all members of the Student Chapter and managed all Machine Learning and Electronics based internal projects. I also took many workshops in ML, Electronics and Web Dev inside and outside VIT.

PROJECTS

Robotic Arm - Arm Action Replication
Computer Vision | Robotics

📅 November 2018 - Ongoing

- Leading the team in IEEE-VIT working on the robotic arm project which aims to replicate arm movements of a living human using only a camera and no external sensors.
- The project involves using electronics and mechanics to build the robotic arm and using Computer Vision algorithms to decode the action of the human being and feeding the required action to the robotic arm.

Sense Recognition
Natural Language Processing

📅 February 2018 - March 2018

- Built a simple algorithm which divides a word into it's several different meaning using unsupervised learning on pre-trained word-vectors.

Clustering Segmentation Algorithm
Image Processing

📅 December 2017 - January 2018

- An alternative algorithm for segmentation in images based on clustering of regional based histograms.

MY LIFE PHILOSOPHY

"Deep learning works on the principle of learning how to succeed after failing. I follow the same principle."

MOST PROUD OF

Technical Speaker - Machine Learning (NIT Calicut)
Went to NIT Calicut on 12th-13th Janurary with the ML Team of IEEE-VIT to conduct a 2-day workshop on Machine Learning

1st Runner Up - TCS Geek-AI Mania Challenge 2018
Won 1st Runner Up in the AI Hackathon held by TCS

1st Place - Honeywell Automation Challenge 2019 (VIT Vellore WeHack 3.0)
Selected the computer vision based problem statement where we had to extract relevant features and instrument readings from a cockpit and developed a working implementation using CNNs.

STRENGTHS

Team-Player Speaking Proficiency Writing Strategic Planner

Python Machine Learning Tensorflow Keras Sklearn OpenCV Node.JS MongoDB

LANGUAGES

English ●●●●●

EDUCATION

B.Tech (Electronics and Communication Engineering)
VIT Vellore

📅 July 2016 – Ongoing