



EDUCATION			
DEGREE	INSTITUTE	YEAR OF PASSING	AGGREGATE SCORE
M.Tech in Computer Science and Automation (CSA)	IISc Bangalore	2020	6.8/10
B.tech	Vivekananda Global University	2017	9.73/10
Higher Secondary	Tulsi Vidya Niketan	2012	78.40 %
Secondary	Varanasi Public School	2010	9.60 GPA

PROJECTS
<p><b>1) Adversarially Regularized Graph Auto-Encoder for Graph Embedding</b> <b>Technologies: Python 3.0</b></p> <p>Graph Embedding is an effective method to represent graph data in a low dimensional space for graph analytics. This Framework encodes the topological structure and node content in a graph to a compact representation, on which decoder is trained to reconstruct the graph structure. Furthermore, the latent representation is enforced to match a prior distribution via an adversarial training scheme.</p> <p><b>2) Reconstruction and Classification of MNIST Dataset by K-NN Classifier</b> <b>Advisor: Prof. M. Narasimha Murty</b> <b>Technologies: Python 3.0</b></p> <p>MNIST is a handwritten dataset, originally has 60,000 digits with 784 (28x28) dimensions in its training set. In this assignment, a subset of MNIST dataset has been taken into account for reconstruction task using truncated SVD for different values of d and Reconstruction Error (RMSE) is calculated.</p> <p>Classification task for test points is conducted using K-NN algorithm for various K-values and classification accuracies are reported.</p> <p><b>3) Unsupervised Learning Task of Clustering</b> <b>Advisor: Prof. M. Narasimha Murty</b></p>

## Technologies: Python 3.0

Design and implement an unsupervised learning task of clustering similar data points using k-means and spectral clustering algorithms. This project deals with eigenvalues, eigenvectors and one of their numerous applications, namely clustering. K-means and Spectral Clustering have been applied to two different datasets and observed the differences.

## INTERSHIPS

- 3 Month (May 2019 - July 2019) Internship at Airtel X Labs Bangalore as Data Scientist Intern.
- 6 Month Internship at GirnarSoft Jaipur. (Technology- PHP)

## COURSES

Machine Learning, Topics in Pattern Recognition, Design and Analysis of Algorithms, Practical Data Science, Theory and Practice of Computer Systems Security, Linear Algebra and Probability

## SKILLS

- Good Knowledge of Python, Tensorflow, Pyspark, Pytorch
- Good Knowledge of C++, C,HTML,CSS
- Knowledge of PHP and Networking.
- Experience in Web Designing and Blogging.

## ACHIEVEMENTS

- AIR 2 ISRO SC Written Test Dec 2017
- AIR 142 GATE CS 2018
- Gold Medalist in B.tech.
- Academic Outstanding Excellence Award (2014-2015).
- Secured 2nd Rank in Varanasi in NSTSE Exam.
- Secured 1st Rank in Poster competition in National Conference on Recent trends of Transistor.
- Secured 1st Rank in Sparkling Quiz Exam in College Fest – PANACHE 6.
- Secured 3rd rank in MTEA (Mathematical Technique in Engineering Applications).
- Completed Live Project based Training on Industrial Robotics (Vertex Group) in 2015.