ANUP PATEL

EDUCATION

Master of Technology in Computer Science
Indian Institute of Science *2018 - Present*
Advisor: Prof. Gopinath
CGPA: 6.6/10

Bachelor of Engineering in CSE
Vivekananda Global University *2013 - 2017*
CGPA: 9.73/10

Higher Secondary
Tulsi Vidya Niketan *2012*
Percentage: 78.4

Secondary
Varanasi Public School *2010*
CGPA: 9.6/10

PROJECTS

Prime Acquisition July 2019
Airtel X Labs
Advisor: Mr. Alok Mathur (Senior Data Scientist Airtel X Labs)

To predict whether a user will claim Prime membership in future or not.

ARPU Upgrade May-June 2019
Airtel X Labs
Advisor: Mr. Alok Mathur (Senior Data Scientist Airtel X Labs)

To Predict whether a user will increase ARPU or not, based on its previous month usage. Result can be further used to analyse whether a user is happy with Airtel services or not.

Adversarially Regularized Graph Auto-Encoder for Graph Embedding Feb-April 2019
Machine Learning Course Project
Advisor: Prof. Ambedkar Dukkipati

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

Reconstruction and Classification of MNIST Dataset by K-NN Classifier Sept 2018
IISc Course Assignment
Advisor: Prof. M. Narasimha Murty

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.

Unsupervised Learning Task of Clustering Oct 2018
IISc Course Assignment
Advisor: Prof. M. Narasimha Murty

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.

INTERNSHIPS

Airtel X Labs, Bangalore *May 2019 - July 2019*
Data Science Profile

GirnarSoft, Jaipur *Jan 2017- July 2017*
Technology: Python

COURSES

Machine Learning, Practical Data Science, Data Analytics, Deep Learning, Computational Methods of Optimization, Linear Algebra and Probability, System Security, Cryptography, Design and Analysis of Algorithm, Distributed Computing System.

COMPUTER SKILLS

Basic Knowledge: Tensorflow, Pyspark, Pytorch, Keras, C, C++
Intermediate Knowledge: Python, HTML, CSS, Web Designing

ACHIEVEMENTS

- Secured All India Rank 2 in ISRO SC Written Test (CSE) Dec 2017.
- AIR 142 GATE CS 2018
- Gold Medalist in B.tech (2013-2017)
- 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 3rd rank in MTEA (Mathematical Technique in Engineering Applications).
- Completed Live Project based Training on Industrial Robotics (Vertex Group) in 2015

INTERESTS AND ACTIVITIES

Technology, Machine Learning, Programming
Fiction, Travelling
Cricket, Badminton, Football

VOLUNTEER EXPERIENCE

- Placement Coordinator for IISc CSA (Session 2019-2020).
- Web Team member at IISc Bangalore.
- Event Coordinator at CSA Open Day 2019, IISc Bangalore.
- Volunteer at CSA Summer School 2019, IISc Bangalore.

PERSONAL DATA

Place and Date of Birth:	Uttar Pradesh, India — 23 Mar 1995
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