

Anup Patel

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<https://anup-patel.github.io>

Objective

A research-oriented position with a practical bent.

Education

M.Tech, Indian Institute of Science	2018-Present
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Bachelor Degree, Vivekananda Global University ,Jaipur	2013-2017
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(CGPA : 9.73/10) – Gold Medalist

Intermediate (CBSE) (Percentile: 78.4)	2012
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High School (CBSE) (CGPA : 9.6/10)	2010
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Projects

- ***Reconstruction and Classification of MNIST Dataset by K-NN Classifier***

Nov 2018

Advisor: Prof. M. Narasimha Murty

Technologies : Python 3.0

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) are calculated.

Classification task for test points is conducted using K-NN algorithm for various K-values and classification accuracies are reported.

This is done as a part of assignment in Linear Algebra course at Indian Institute of Science.

- ***Unsupervised Learning Task of Clustering***

Oct 2018

Advisor: Prof. M. Narasimha Murty

Technologies : Python 3.0

Design and implement 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 on two different datasets and observed the differences. This was done as a part of assignment in Linear Algebra course at Indian Institute of Science.

2017- Completed a Project on Online Shopping (TrendyShop) Website with all Basic features.

2016-Present: Founder of learningcage.com & gatepoint.org

2016-Present : Working on a Project for Girls Safety

2016 – Youtube Download Manager to download youtube Videos in any Quality.

Technical Skills

- Fluent in C++, C,HTML,CSS
- Good Knowledge of JAVA,PHP,Networking.
- Experience in Web Designing and Blogging.
- Good knowledge of Ethical Hacking.

Certification & Awards

- AIR 2 ISRO SC Written Test Dec 2017
- AIR 142 GATE CS 2018
- 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.
- Completed ADCA Course.
- Completed Google Power Searching certification course.
- Completed Live Project based Training on Industrial Robotics (Vertex Group).
- 6 Month Industrial Training in PHP at GirnarSoft Jaipur.

Other Skills

- Fluent in English, Hindi , Bhojpuri
- Core Team Member (Media & Publicity) and Web Designer in my College Fest – PANACHE 8

Personal Details

Father's Name : Mr. Chhote Lal Patel
Date of Birth : 28 March 1995
Gender : Male
Nationality : Indian
Marital Status : Single
Address : Room Number 442, New Boys Hostel, Indian Institute of Science
CV Raman Road, Mathikere, Bangalore, Karanataka- 560012

I hereby declare that all the information given above is true to the best of my knowledge and belief.

Date : 24 Jan 2019

Place : Bangalore

(Anup Patel)