

ATHARVA KATHALE

COMPUTER SCIENCE
UNDERGRADUATE SCHOLAR

SKILLS

- Linux Basics
- Python
 - Pytorch
 - Selenium
 - Web-scraping(bs4)
 - PyAutoGui
 - OpenCV basics
- C++
- C
- JavaScript
- HTML/CSS

ACHIEVEMENTS

- Qualified JEE Mains 2019 with AIR 4278
- Qualified JEE Advanced 2019

CONNECT WITH ME

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- akathale@students.vnit.ac.in

'Address : 'Arvind', 26, Paradise
Society, Sonegaon, Nagpur, MS

LinkedIn: [/in/atharva-kathale-b91382199/](#)

[Github : Atharva-K12](#)

PROJECT WORKS

AUTOENCODERS

- Implemented different types of Autoencoders on MNIST dataset
 - Vanilla Autoencoder
 - Denoising Autoencoder
 - Sparse Autoencoder
 - Contractive Autoencoder
 - Variational Autoencoder

MUSIC CONTROL WITH HAND SIGNS

- Implemented a python program that allows user to on screen Music player with Hand signs.
- Detected hand signs using webcam integration using Opencv and classified signs by training a CNN model in Pytorch.
- Automation done with the use of PyautoGui and Selenium.

IMAGE CLASSIFIERS

- Implemented Image Classifier with Deep Neural Network from scratch using Numpy in Python
- Implemented Same Image Classifier using Convolutional Neural Network using Pytorch in Python

INTERNSHIPS AND WORKING EXPERIENCE

2ND YEAR INTERN & MEMBER

lvLabs, Club at VNIT, Nagpur | March 2020-Present

- Working on understanding Variational Deep Learning.

ML TEAM CORE , R&D TEAM MEMBER

Food4U, Startup at RCOEM, Nagpur | August 2020-December 2020

- Worked on ML based Search Engine.
- Provided solution for finding equivalence between food items.
- Data scrapping.

RECEPTION TEAM MEMBER

Aarohi-19, Student Event at VNIT, Nagpur | September 2019-December 2019

- Responsible for Account and Book Keeping

EDUCATION

B.Tech., Computer Science and Engineering

VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY, NAGPUR

2019-Present

Second Year Undergraduate Scholar

CGPA - 8.51

HSSC Science Stream

YASHODA HIGHER SECONDARY SCHOOL, TRIMURTI NAGAR, NAGPUR

2019

89.86%

SSC-CBSE Board

BHARATIYA VIDYA BHAVAN'S B P VIDYA MANDIR, NAGPUR

2017

CGPA -10