

# Adwaitt Pandya

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## SKILLS

### Programming

C/C++, Python, Arduino

### Deep Learning

Deep Neural Networks  
Convolutional Neural Networks  
Natural Language Processing  
Sequence, Time and Series Prediction

### Data Science & Machine Learning

Data Cleaning  
Polynomial Regression  
Logistic Regression  
K nearest neighbors  
Decision Trees

### Softwares and Frameworks

Keras  
Tensorflow  
Pytorch  
FastAI  
Jupyter Notebook  
Teachable Machines

## EDUCATION

### Jawaharlal Nehru School

High School Diploma  
(1<sup>st</sup> division certification) YOG - 2018

### Oriental Institute of Science and Technology

Bachelor's Degree in Computer Science  
CGPA - 7.83 YOG - 2022

## LINKS

[github.com/Adwaitt](https://github.com/Adwaitt)

[linkedin.com/in/adwaitt-pandya-9b340a1b2/](https://www.linkedin.com/in/adwaitt-pandya-9b340a1b2/)

## PROJECTS

- State of The Art performance on Devanagari Handwritten Characters dataset
  - [Modelled an AI](#) that yielded State of The Art results on the Devanagari dataset.
- Forest fire detection using Computer Vision
  - Built an AI based web app that could successfully monitor wildfires through Geostationary satellite imagery for [Nasa Space Apps 2020](#)
- Covid-19 diagnosis using Chest X-ray scans
  - Will be presented at [Chhatra Vishwakarma Awards 2020](#)
- A1 Vs A2 milk classification using arduino
  - An IoT application that classifies milk into A1/A2 category.
  - Presented at [SIH 2019](#)
- Pothole detection using ultrasonic sensor and arduino.
  - Presented at Srajan '19 & Hackfest Jabalpur '20

## EXPERIENCE

- Bhabha Atomic Research Centre  
Research intern(Dec '19 - Jan '20)
  - White Box Testing of Digital Logic simulator, Worked on various combinational logics.