



Archit Jain

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I am a Machine Learning and Deep Learning enthusiast and consider myself a problem-solver. I am energetic, disciplined and a team-player who is ready to lead when needed. If not solving a problem, I can be found on the field enjoying an outdoor game.

EDUCATION

B.Tech in Computer Science with specialization in AI and ML

University of Petroleum and Energy Studies

06/2018 - Present

CGPA:8.1

Class 12

Doon International School

04/2016 - 04/2017

80%

Courses

PCM

PERSONAL PROJECTS

Diabetes prediction with Machine Learning

- Applying KNN from scratch, Got an accuracy of 82.3% . In comparison of 73% using sklearn knn, with same k-value.
- dealing with missing values, outliers and doing normalization.
- Reading about Diabetes, consulting Doctors. Finding weight of each attributes.

Land Cover Classification

- Using Satellite images, I classified Houston dataset into field, forest, water, urban, commercial area.
- Performed both semantic and instance segmentation. Mask-RCNN is used for Instance Segmentation. Deep Lab v3 is used for semantic segmentation.

WORK EXPERIENCE

Internship

Foxmula

01/2019 - 03/2019

Achievements/Tasks

- Worked on a project of hand-writing recognition using different Algorithms like knn, decision tree and random forest.

SKILLS

Python

Data Structure

Algorithms

Django

TensorFlow

Statistics

SQL

C++

HTML

CSS

OS

ACHIEVEMENTS

- Qualified Google Code Jam
- 2nd position in Science Olympiad school level
- Hacker Rank 5 star in Problem Solving
- Participated in Google Hash Code 2020

CERTIFICATES

- Deep Learning Specialization from Andrew NG
- Specialization: Tensorflow in Practice

EXTRACURRICULAR

National Table Tennis player ranked 4th in Uttarakhand State

School function organizing committee member from class 6th(youngest in school history)

Part of school Chess Team

HOBBIES

Table Tennis

Hiking

Coding

Stock Market Investor