

# Arjun Yadav

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## EDUCATION

### NSIT DELHI

B.E IN INFORMATION  
TECHNOLOGY

CGPA 8.21

Expected June 2021

### GREENWAY MODERN SCHOOL

Grad. May 2017 | Delhi, India  
Class XII -> 90% | 2017

### NVM SCHOOL

Grad. May 2015 | Delhi, India  
Class X -> 93.1% | 2015

## LINKS

LinkedIn:// Arjun Yadav

Github:// WinterSoldier0019

## COURSEWORK

### UNDERGRADUATE

Machine Learning and Deep  
learning - Udemyl,

Web Development in Full Stack  
with specialization in Backend  
Rendered Websites - Coursera,  
Data Structures and Algorithms –  
Coding Ninjas,  
OS, DBMS, Computer Networks

## SKILLS

### PROGRAMMING AND TOOLS

C++, Nodejs and associated  
libraries, Python and  
associated libraries,  
JavaScript, Git and GitHub,  
Linux, React Framework,  
HTML/CSS and Bootstrap

## ACHIEVEMENTS

Finalists in many college level  
hackathons including  
HackGTBIT and HackSNU,  
Finished amongst the top 15  
teams from NSIT in Flipkart SDE  
Challenge, Completed the  
GitHub Open Source Hacktober  
Fest Challenge.

## EXPERIENCE

### OYO | DATA SCIENCE INTERN

May 2020 – July 2020 | Delhi, India

- Developed **multiple R and Python Scripts** which were hosted live on **server farms to fetch data from Distributed SQL data warehouse (Apache Hive and Hadoop) using Presto Module for R** and transform them into **intuitive and informative summaries** using statistical and analytical packages for R and Python.
- Developed **Regression Models** to bring down the **rate of Realization Issues from 30% to 10% for Latin American, South East Asia and Middle East Asia countries.**

### TRAINING AND PLACEMENT CELL, NSIT | PRIME PLACEMENT COORDINATOR AND LEAD WEB DEVELOPER

June 2019 – Present | Delhi, India

- Managed **a batch of 900+ students each during the Placement and Internship session of college.**
- Developed the Placement Portal to manage 900+ students **using Django as primary backend framework and PostgreSQL as Database, deployed and hosted on <https://tnp.nsutonline.in> using AWS LightSail, RDS, Route 53 and S3 storage containers using modern Devops tools like CI/CD and Load balancer.**

## PROJECTS

### CAT DOG CLASSIFIER | DEEP LEARNING IN PYTHON

Used Keras Library for implementing a Convolutional Neural Network to classify the image as of a cat or dog. Trained the Neural Network on Image dataset and then checked for Testing set with an accuracy of approximately 93%.

### DIGIT RECOGNITION WEB APP | KERAS, TENSORFLOW.JS, HTML

A Web application that recognizes digits using Keras modules and TensorFlow js, it uses a canvas to recognize the drawn digit. The model uses Convolutional Neural Network and has an accuracy of 92% on validation dataset.

### SIMPLE INTEREST CALCULATOR | REACT, HTML AND CSS

Built a Webapp which allows users to calculate the Simple Interest. It has validation of input enabled across all input fields with a minimal user interface hosted on GitHub - [https://wintersoldier0019.github.io/First\\_React\\_App/](https://wintersoldier0019.github.io/First_React_App/)

### AUTHORIZATION API | NODEJS, MONGODB AND POSTMAN API

Built an authorization API using Nodejs and Mongoose (Nodejs ORM for MongoDB) and Passport JS to authenticate a user using local login and password encryption using Bcryptjs and EJS as backend rendering engine.