

# Abhinav Pandey

Pre-Final Year Undergraduate Student | IIT Jodhpur  
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## EDUCATION

### UNDERGRADUATE

INDIAN INSTITUTE OF TECHNOLOGY,  
JODHPUR, INDIA

B. Tech. in **Computer Science and Engineering**

Expected May 2021

Current CGPA: **7.49/10**

### SENIOR SECONDARY SCHOOL

G. N. NATIONAL PUBLIC SCHOOL,  
GORAKHPUR, INDIA | CBSE

Computer Science Stream

Grad. May 2016

Percentage: **94.6%**

### SECONDARY SCHOOL

ST. XAVIERS HIGH SCHOOL,  
SIDDHARTH NAGAR, INDIA | ICSE

Grad. May 2014

Percentage: **92%**

## LINKS

Github:// [abhinaviitj](#)

LinkedIn://

[abhinav-pandey-17474817a](#)

## SKILLS

### PROGRAMMING

PROFICIENT :

- C/C++

INTERMEDIATE :

- Python

FAMILIAR :

- JavaScript • Java

### WEB

- Django (Python)

### UTILITIES

- Git • Linux Shell Utilities

## COURSEWORK

Algorithm Design and Analysis\* • Computer Programming • Compiler Design\* • Computer Organization and Architecture • Data Communication\* • Data Structure and Algorithms • Digital Logic and Design • Discrete Mathematics • Object Oriented Analysis and Design • Operating Systems\* • Software Engineering • Theory of Computation

\* Ongoing Courses

## PROJECTS

### MORPHOLOGICAL ANALYZER FOR HINDI LANGUAGE

JAN 2019 - APRIL 2019 | GUIDE- DR. GAURAV HARIT | IIT JODHPUR

- Developed an algorithm for implementing the **Hindi lemmatizer** based on phonological similarity of words with accuracy of **94%**
  - Involved **web scraping** to build a root word dictionary from wikipedia data
- implemented a POS tagger for Hindi using TnT tagger present in **NLTK** Library, Python
- Developed a singular-plural classifier for Hindi using two approaches: **SVM Classifier** AND **K-Means Clustering** Algorithm

### LAZYAI- WEB INTERFACE FOR GENERATING CODE OF ML/DL MODELS

FEB 2019 - MARCH 2019 | GUIDE- DR. SUMIT KALRA | IIT JODHPUR

- Developed an **interactive web interface** for generation of code of ML/DL Models using Tensorflow and Keras Libraries
- Used **Django** Framework (Python) for backend development

### ONLINE TREASURE HUNT PORTAL

SEPTEMBER 2018 - OCTOBER 2018 | SELF PROJECT

- Developed a Portal for conducting Question - Answer Game online
- Used Django Framework (Python) for backend development

## ACADEMIC ACHIEVEMENTS

June 2017      Ranked **2949** in JEE Advanced ( Among the top 0.25 % of 1.2 million candidates from all over India )

May 2016      Secured **10th** rank in city in Senior Secondary School Examination