

UMANG JAIN

ACADEMIC PROFILE

Degree/Certificate	Institution						Percentage/CGPA	Year	
IDD	Computer Science and Engineering IIT (BHU), Varanasi						9.14	2022	
Sem I	Sem II	Sem III	Sem IV	Sem V	Sem VI	Sem VII	Sem VIII	Sem IX	Sem X
8.67	9.36	8.95	9.33	8.78	9.70	-	-	-	-
CBSE (XII)				S.D. VIDYA MANDIR				88.00	2016
CBSE (X)				S.D. VIDYA MANDIR				95.00	2014

SKILLS

Languages

C++, C, Python, Mysql

Technology/Tools

Django, PyTorch(Basic), Spring

Area Of Interest

Data Structure and Algorithms, Competitive Programming, Machine Learning, Natural Language Processing(NLP), Entrepreneurship.

PROJECTS

Music Playlist Generation and Shuffling

Jan, 2020 - May, 2020

Bachelor Thesis Project Guide: Dr. Anil Kumar Singh

- Aim is to develop Algorithm for Music Playlist Generation and Playlist Shuffling.
- Developed Music Recommendation Model using KNN model and then Top K recommendation are chosen as playlist.
- Applied shuffling algorithms for having more human random version of the playlist.

Exposure | Python, KNN, Suffling Algorithm

Link | [Github Link](#)

Medical Inventory Management

Aug, 2019 - Nov, 2019

Course Project Guided By: Dr Ravindranath Chowdary

- Developed a Web application on Spring MVC
- Webapp for the Medical Store Inventory Management and Employee Management System in which users can perform different kinds of activities based on roles(Admin or Employee or Customers).
- It offers separate login for Admin, Employees, and Customers.
- Admin can manage Employees Salary, leave, personal Records along with other privileges.
- Employees can manage stacks, check orders, make bills, etc

Exposure | Spring framework, MySql.

Link | [WebApp Link](#)

Morph Inflection generation

Jan, 2019 - May, 2019

Exploratory Project Guided By: Dr. Anil Kumar Singh

- The aim is to develop Model For Morph Inflection Generation given morph and their features.
- Developed model using encoder-decoder model with global Attention using PyTorch library.

Exposure | Deep Learning, Pytorch, Encoder-Decoder Model

Link | [Github Project Link](#)

Portal To Find Resources With Tag

Aug, 2018 - Nov, 2018

Course Project: Guided By: Dr. Amrita Chaturvedi

- Developed a web-app to made your resources public with a tag and be able to access other people resources with similar tag.
- Resources can be Photos, Music, Videos, pdfs.

Exposure | Python, Django

Links | [Project Link](#)

Android App For Question/Answer

Jun, 2018 - July, 2018

Personal Summer Project

- Made fully functional Android App for incoming freshers to ask questions.
- Have Dashboard For Managing various college events.

Exposure | Android Development

Links | [Project link](#)

CERTIFIED COURSES

Courses

- Andrew NG machine learning course

HONOURS AND ACHIEVEMENTS

Academic

JEE ADVANCE | Qualified JEE Advance With **AIR 977**

JEE Mains | Qualified JEE Main with **AIR 1116**

Extra-curricular

Startup Fair | Reached the Final Round of startup fair

Competitive Programming

Codeforces | **Candidate Master** on Codeforces With **max rating 1938** [Profile](#)

Codechef | **5 star** rating with **Max Rating of 2088** [Profile](#)

Atcoder | Having a rating of 1427 [Profile](#)

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