

# Aman Priyadarshi

Third Year Undergraduate

Department of Computer Science and Engineering

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🐙 <https://github.com/amanpri>



Indian Institute of  
Information Technology, Nagpur

## EDUCATION

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**Indian Institute of Information Technology, Nagpur**

2017 - 2021\*

B.Tech in Computer Science and Engineering; CGPA: (5.83/10)

**High School**

2016

Senior Secondary (CBSE); (80.2%)

**Secondary School**

2014

Secondary (CBSE); GPA: (10/10))

## INTERNSHIPS

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**Project Intern - Indian Institute Of Technology, Patna**

May 2019 - July 2019

(Under AI-NLP-ML lab Computer Science Department)

- deep learning based joint domain intent and slot identification classifier for multi-domain data ,developed a corresponding user utterance in a Dialogue System jointly and observe the efficiency of joint user utterance in a Dialogue System and single domain user utterance in a Dialogue System using NLP and deep learning package like nltk,keras,tensorflow,scikit-learn

## SELECTED PROJECTS

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**Capsule Networks vs CNN** :implemented joint domain intent and slot identification classifier for multi-domain data in capsule network and Convolutional neural network and observe the efficiency of joint user utterance in a Dialogue System

**Graduate Admission prediction** : This project is to estimate chances of graduate admission from an Indian perspective. Our analysis will help us in understand what factors are important in graduate admissions and how these factors are interrelated among themselves. It will also help predict one's chances of admission given the rest of the variables.

**Plant Seedlings prediction** : We like to develop a model that is able to classify the correct species given an image with seedlings. Solving this task we would be able to address an important problem of agriculture industries: Plants in the early-growth phase are heavily competing for nutrients and water and often this phase is crucial for a plant to prevail against all other seedlings. Consequently if we would be able to detect wild plants in early phases we could remove them manually which is an advantage for all crop seedlings.

**Tic-Tac-Toe Game** : Tic-tac-toe is noughts and crosses or Xs and Os, is a paper-and-pencil game for two players i have implemented this game on c++.

**Rock and mines classificaton** : classified rock and sonar mines using neural network using tensorflow and comparing the efficiency for single layer precptron and multi layer precptron,

## TECHNICAL SKILLS

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**Programming Languages:** Python, C++, C

**Web Development:** HTML,CSS,Javascript

**Tools and Frameworks:**Anaconda,Keras,Tensorflow,M S Office,GIT,L<sup>A</sup>T<sub>E</sub>X,

**Libraries:** Numpy, Pandas, Scikit-learn, Matplotlib, NLTK

**Database:** SQL,MySQL

**Platforms:** Linux,Windows

## COURSEWORK

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**Academic Courses :** Computer Programming, Data Structures, Discrete Mathematics, Computer System Organization, Object Oriented Programming,Application programming,Design and analysis of algorithm,operating system,software engineering,database management system,computer networks,Automata theory,soft computing

**Udacity Courses :** Deep learning nano degree program

## TRAININGS/CERTIFICATIONS

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**Advance Python Traning**

July 2018

*ICE Technology Lab*

**Artificial Intelligence and Machine Learning Workshop**

Feb 2018

*Visvesvaraya National Institute of Technology,Nagpur*

## AREAS OF INTERESTS

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Deep learning,Machine Learning,Data Science,Data mining,Natural language processing,Software engineering,Global trade and International relations of India,Space facts,Indian foreign policy Analysis,International media on India.

## ACHIEVEMENTS

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School topper in secondary examination in 2014

## EXTRA CURRICULAR ACTIVITIES

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Operation and logistic head of tantrafiesta 2019

Sponsorship co-head of abhivyakti 2019

hostel secretary in hostel committee 2019

Event coordinator of electro geist in tantrafiesta 2017

Volunteered as coordinator of workshop held in college