
EDUCATION

- B.Tech Computer Science – University of Petroleum and Energy Studies- CGPA: 2.90 (2014-2018).
- XII- Lancer's Convent (CBSE) - 78% - (2012-2013).
- X- Lancer's Convent (CBSE) - 82% - (2010-2011).

TECHNICAL EXPERIENCE

Internship

Indian Institute of Technology, Patna- NLP Research Internship (May-July '17)

Worked towards the implementation of a system which merges the concepts of Self Organizing Map and Convolutional Neural Network with application in sentiment analysis.

Projects

- **Analysis of Data Structure Algorithms used in DBMS:** The aim of this project is to do a comparative study of various data structures that are used in Database Management Systems such as Binary Search Tree, AVL Tree, B-Tree, etc.
- **Course-File Project:** An undergoing project that aims at bringing the faculty reporting online. A portal was made through which faculties can report the course progress, grading, etc.
- **Lyricizer:** A simple Python script to display lyrics of the song searched on the Linux terminal. It scraped the data of a lyrics website of the song searched.
- **Sentiment Analysis of IMDB Reviews:** Sentiment Analysis was done where the reviews were classified as Positive or Negative with respect to a movie. Naïve Bayes algorithm was used to calculate the probability.
- **N-Puzzle Solver:** A program that solves N-Puzzle Problem by finding various states of the puzzle. Various approaches like Uninformed Search (BFS,DFS) and Heuristic Search(A* Search, IDA Search) were used and their efficiency was analyzed.

Independent Courseworks

- Introduction to Computer Science and Programming using Python (MIT 6.00.1x).
- Introduction to Linux (Linux Foundation, edX).
- Using Python to Access Web Data (University of Michigan, Coursera).
- Data wrangling using MongoDB (Udacity).

Interests

- Artificial Intelligence, Natural Language Processing.
- Logical Thinking.

ADDITIONAL EXPERIENCE AND AWARDS

- Took a workshop on Python and taught basics to fellow college students.
- Firefox Club Lead 2016-2017.

Languages and Technologies

- Python, C, C++.
- MongoDB, MySQL.
- Numpy, Pandas, Scikit-learn.