



Aniruddha Chauhan

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## Contact Information

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## Career Objective

I am a diligent worker with a knack for problem-solving, I like treading on new paths and to take up daunting challenges. I have an inclination towards Data Science and Artificial Intelligence, I want to leverage my knowledge of these two disciplines in the field of Finance and NLP. I am passionate about solving problems in a research-based environment and want to work as a researcher in close collaboration with Industry.

Course/Examination	School/University	Year of Passing	Percentage
B.Tech (CSE)	Bharati Vidyapeeth's College of Engineering, New Delhi	2020	71.39
CBSE Class 12	Bal Bharati Public School, Pitampura, New Delhi	2016	94.4
CBSE Class 10	Bal Bharati Public School, Pitampura, New Delhi	2014	93.1 (9.8 CGPA)

## Projects

### 1. News Analytics Tool

This is an ongoing project where I'm building a media tool similar to MIT's Media Cloud but having more advanced functionalities like, Topic Modeling, Extracting Keywords, Bias Detection, Fake News Detection etc.

### 2. Pollinator Bee

This project involves mimicking the behaviour of a bee using a UAV in this project PlutoX was used, the drone has to hover over a flower which has an incomplete circuit that is completed when a conducive material attached to the drone comes in contact with the flower. The controlling of drone was done via ROS.

### 3. Classification of Fake News by Fine-tuning Deep Bidirectional Transformers based Language Model

In this project, I use an NLP approach to classify fake news and real news, with the help of state-of-art BERT language model. The corpus we use contains only the text present in the body of the news articles. After extensive experimentation, the model was able to achieve an accuracy of 97.021% .

### 4. Chatbot using RASA Framework

This project involves building a Chatbot using Django and RASA Framework, the Chatbot can be used to answer FAQs. This project involved

end to end work, from data collection to preprocessing to making language models and then creating an API to send and receive data using Django Framework. All the tasks were done in Python and HTML/CSS was also used.

## 5. Property Stratification

This project involved geo-plotting of Natural Hazards based on their severity. This is done to know which regions are prone to natural disasters, which is useful for Insurance Companies to adjust premiums while Insuring a property. I used Folium for plotting that used Leaflet.js and the data cleaning and preprocessing was done using Pandas and geoPandas.

## Training and Internship

- Research Project Intern at IIT-Delhi February 2019 - Present
- Summer Decision Analytics Intern at EXL (Inductis) June 2018 - August 2018
- Summer Intern at AAPNA Infotech July 2017 - August 2017

## Research Publications

None yet, one paper is under review

## Technical Skills

- Python
- Machine Learning and Deep Learning
- C
- C++
- Java
- Pandas, Sklearn, Matplotlib, NLTK
- Django
- Folium
- SQL
- HTML, CSS, JavaScript

- L<sup>A</sup>T<sub>E</sub>X
- PyTorch
- Keras

## Soft Skills

1. Proficiency in English and Hindi
2. Ability to Work Under Pressure and Time Management
3. Effective Communication
4. Can work with a Team and have good Leadership Qualities

## Co-Curricular Activities

- Playing Football
- Gaming

## Co-Curricular Activities

1. Winner of eYantra 2018 (Pollinator Bee)
2. Chairperson - BVPIEEE Computer Society (July 2018 - Present)
3. Research and Development Head - BVPIEEE Computer Society (August 2017 - June 2018)
4. Web Executive - ACM BVP (September 2016 - May 2017)

## Personal Details

Father's Name: Mr. Neeraj Chauhan  
 Mother's Name: Mrs. Seema Chauhan  
 Sex: Male  
 Date of Birth: 5/11/1997  
 Nationality: Indian  
 Marital Status: Not Married

## Reference

Mrs. Deepika Kumar (Assistant Professor Email: deepika.kumar@bharatividyaapeeth.edu)

## **Declaration**

I hereby declare that the details mentioned above are accurate to the best of my knowledge.

Date: 17th April 2019