

SHUBHAM KUMAR

Makhra, Sihari, Aurangabad, Bihar, India-824115
+91-7488592755 | shubhamshandilya198@gmail.com | linkedin.com/in/shubham-kumar-138a89131

Education:

National Institute Of Technology Patna, India *(August 2016 - Onward)*

B.Tech in Information Technology with CGPA: **7.78/10** (till 6th Semester)

D N College, Daudnagar, India *(May 2016)*

Intermediate from B.S.E.B Board with **73.6%** aggregate marks.

D A V Public School, Daudnagar, India *(May 2014)*

Matriculation from C.B.S.E Board with CGPA **9.6/10**

Projects:

Development of Keyword Spotting System to detect Spam Calls *(May 2019 - July 2019)*

Under the guidance of Dr. Jyoti Prakash Singh, Assistant Professor, NIT Patna

Worked on Speech signal and used feature extractor like MFCC and used classifier algorithms build on Neural Networks like RNN and DNN, and developed keyword spotting based script for spam detection.

Protein Function Prediction *(January 2019 - May 2019)*

Under the guidance of Dr. Jyoti Prakash Singh, Assistant Professor, NIT Patna

Converts Protein Sequence to k-mers and implemented word levels and character levels embedding with LSTM. Also used LSTM based neural language translation model for protein function prediction.

Cyberbullying Detection *(August 2018 - December 2018)*

Under the guidance of Dr. Jyoti Prakash Singh, Assistant Professor, NIT Patna

Classification of Aggression on twitter and facebook comment into three category 'Overtly Aggressive', 'Covertly Aggressive' and 'Non Aggressive' using DNN and LSTM models.

Technical Skills:

Programming Languages: **C** (Intermediate), **C++** (Intermediate), **Core Java**(Beginner) **Python**(Intermediate)

Databases: **MySQL, Oracle11g**

Framework: **Django**

Platforms: **GNU Linux, Windows**

Machine Learning, Operating System, Computer Networks

Achievements:

- Won Silver Medal in Quiz Competition at Block level.
- Runner Up in Smart India Hackathon 2019 Finale.
- Received Gold Badge in Problem Solving and C++ on Hackerrank.