Ayush Gupta

930-A, R B III, Railway Colony, Jhansi, Uttar Pradesh (284003).

+91-9123443477 | ayu.gpt1997@gmail.com | ayushgupta1997

Education

National Institute Of Technology Patna, India

B.TECH IN INFORMATION TECHNOLOGY   *July. 2016-present*

• CGPA : 8.40/10 (till 6th Semester)

Jai Academy, Jhansi, India

INTERMEDIATE (C.B.S.E Board)   *May, 2015*

• Percentage : 92.20

Cathedral College, Jhansi, India

MATRICULATION (I.C.S.E Board)   *May,2013*

• Percentage : 92.60

Area of Interest

• Data Structures and Algorithms
• Operating Systems
• DBMS

Projects

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

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

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

Protein function prediction   *(December 2018 – May 2019*)

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

Developed a dictionary of word of Protein sequence (ProLan) and implemented LSTM using numpy, pandas and Keras.The LSTM based neural machine translation model is used for the protein function prediction.

Certifications And Trainings

Machine Learning   : an online <u>certified</u> course authorized by Stanford University and offered through Coursera.

Network Management And Security   *Kharagpur, India*

Summer training at IIT Kharagpur by NetTech   *(12th June 2017- 29th June 2017)*

I worked on various networking domains like, IPV4 Routing and Switching, simulation of packet transfer using Cisco Packet Tracer and also worked on real time hosting of different domains locally and hosted email servers using webmin.

Skills

Programming Languages : C/C++ (Proficient), JAVA
Databases : MySQL
Technologies : Machine Learning and Web Development
Tools: NetBeans, Eclipse, Codeblocks, Sublime Text, Jupyter Notebook

Achievements

- Ranked **2ⁿᵈ** in **Bihar-Hackathon 2017**, held in BIT, Patna and honored by the **chief minister** of **Bihar.**.
- Ranked **5** in **Codechef Snackdown 2019 Representative Program** and **1009** in **Facebook Hacker Cup 2018** and **2897** in **Google Codejam 2019.**
- Institute Rank-**1**, World Rank-**855** on **Spoj** (ayushgupta1997)
- Max Rating **1924** on **Codechef** (ayushgupta1997) and **1599** on **Codeforces** (ayushgupta1997)
- Max Rating **2134** on **Hackerrank** (shadow_97) with **1 Gold, 5 Silver and 3 Bronze medals**, in rated contests.

Extra-Curriculars

- Active participant in NIT Patna **football team.**Secured **1st** position in **Intramural Sports** 2017-2018.
- Worked as Campus Ambassador E-Cell**, IIM Rohtak** and Team Shunya , **IIT Bombay** .
- Serving as a **Vice President** of **Coding Club**, NIT Patna and organising classes for 2nd year students.

Hobbies

- Playing football, listening to music and watching tv series.
- Solving problems in competitive programming.