

# Subham Kumar

Motilal Nehru National Institute Of Technology

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## Education

- 2015–present **Motilal Nehru National Institute of Technology**, *Bachelors of Technology, Information Technology*, CGPA:7,84.
- 2012–2014 **D.A.V. Public School Koyla Nagar ,Dhanbad**, *All India Senior School Certificate Examination (2014)*, percentage:95%.
- 2000–2012 **D.A.V. Public School Koyla Nagar ,Dhanbad**, *All India Secondary School Examination(2012)*, percentage:87.4%.

## Area of Interest

Data Structure  
Algorithm  
Machine Learning

## Technical Strength

- Languages C, C++(stl),Java  
Skills Blockchain,Android App development  
Technologies Android,Linux,Docker,  $\text{\LaTeX}$ ,Git

## Project

- Jan 2018–present **Virtual TestBed for testing networking applications**, *Undergraduate Mini Project*., MNNIT,Allahabad, Supervisor:, Prof Shashwati Banerjee.
- Designed a Test bed on mininet-wifi emulator to test performance of a networking applications on scale.
  - Used Software defined networking to efficiently handle data flow in the network.
- May 2018–present **Personalized Chat Bot**.
- Implemented a self learning chat bot based on LSTM Recurrent Neural Networks.
  - Given a users conversation dataset from any social network profile of user the chat bot is capable of imitating the user personality.
  - The bot can generate similar response as the user for a given text message.
- Mar 2017–Dec 2017 **CodeMania**, *IIT Allahabad ,Hack in The North*.
- Designed and developed an educational android app for competitive programming during 36 hours hackathon.
  - The app provided features like contest calendar,problemset,tutorial and user rating on different online judge platform
- April 2018–May 2018 **Medic-Go**, *Smart India Hackathon*.
- Designed an application for finding similar brand drugs in different part of the country.

- Implemented a user review system to ensure high probability of availability of suggested drug.

## Achievements

ACM-ICPC 2017 Amritapuri Regional Finalist(Rank 26) TeamName:Kazoku

Samsung code the next finalist(2018)

Winner Techgig Virtual Campus League(2017) an algorithmic coding contest

Smart India Hackathon Finalist

1st Runner up in Revengg a reverse engineering event at Avishkar-2017

## Extra Curricular Activities

2017-present **Coordinator Computer Club** , *MNNIT,Allahabad*.

- Set Problems for and organized Programming Contests for students.