



# Rahul Aggarwal

Roll Number: 190103120  
B.Tech - Mechanical Engineering  
Indian Institute of Technology Guwahati

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## Education

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech	Indian Institute of Technology, Guwahati	7.78 (Current)	2019 - Present
Senior secondary	CBSE board	90.2%	2018
Secondary	CBSE board	10.0	2015

## Projects

- **Raman - The Humanoid Robot** *ongoing*  
*4i Lab, IIT Guwahati*  
Working on the movements of Raman - the humanoid robot.
- **Nucleus - The Biosatellite** *ongoing*  
*4i Lab, IIT Guwahati*  
Working on launching of CubeSat in the lunar orbit.
- **Data Locker** *June 2020*  
Developed software that can convert data into secure code. *github.com/rahul130500/convert*
- **Virtual Bowling Game** *March 2020*  
*Electronics Club, IIT Guwahati* *github.com/rahul130500/virtual*  
Developed a game that can be played using hand glove movements.

## Technical skills

- **Programming languages:** C,C++, Python, GNU Octave\*
  - **Web technologies :** HTML, CSS, Javascript\*, Django\*
  - **Miscellaneous:** Arduino, ROS\*
  - **Operating system :** Windows, Linux, Android, macOS\*
- \* Elementary proficiency*

## Key courses taken

- Introductory Computing Theory and Lab
  - Real Analysis
  - Python Data Structure
  - Advanced calculus
  - Linear Algebra
  - Machine Learning by Andrew Ng\*
- \* ongoing*

## Positions of Responsibility

- Events Executive, Alcheringa 2021 (the annual cultural fest of IIT Guwahati)
- City representative, Narnaul, Technotholon 2020
- MMC Member, Umiam Hostel 2019

## Achievements

- **Joint Entrance Examination(Advanced) 2019 :** Secured All India Rank 7790 among 0.17 million candidates appearing for the test.
- **Joint Entrance Examination(Mains) 2019 :** Secured All India Rank 10559 among one million candidates appearing for the test.
- **4\* coder in problem solving on Hackerrank.**

## Extracurriculars

- **IoT workshop :** Attended a 2-days workshop on IoT at Techniche 2019.
- Actively participated in inter hostel events in technical, sports, and cultural competitions.