

# Rushil Goomer

Student at Bennett University



## About Me

I Am Robotics enthusiast and like to chip away at I.O.T. also, have been working in these zones for quite a while. I have lead and managed many projects and am as of now the Joint-Secretary of the Robotics Club in my 2nd year of B-Tech.

I like to spend time travelling and interfacing with new people. I've won a bronze in inline skating (under 19) and furthermore love to play badminton.

## Personal Info

### Phone

8222000152

### Email :

rushilgoomer@gmail.com

### Date of Birth

1999-08-06

### Linkedin

www.linkedin.com/in/rushilgoomer

### GitHub

GitHub<https://github.com/R-Goomer>

## Skills

- Python Programming
- Raspberry Pi
- Arduino Prototyping Board
- Internet of Things
- Core Java Programming
- C Programming
- My SQL
- Machine Learning
- Matlab

## Education

### Bennett University

Computer Science, Bachelor in Technology

- GPA - 8.82/10

### Major R.N. Kapoor D.A.V. Public School

Major in Physics, Chemistry, Mathematics, English & Physical Education

- Percentage - 86/100

## Experience

2018-10  
present

### Robotics Course Instructor

Bennett University

Led a team of 7 undergraduates to teach the students of Bennett University about the basics of Robotics using Arduino Board. Designed and curated the course material.

2018-06  
2018-07

### Research and Development Intern

Mars Electronics

- Developed a working prototype of digital Ph meter using Arduino UNO with Python Programmed Data Logger
- Developed a Python Data Logger for Electronic Power supply using Arduino Nano and other sensors

## Projects

- **Stock Analysis and Prediction using Kernel Adaptive Filtering Methods** (Currently working)
- **Hate Speech Analysis using NLP and deep learning** (Currently working)
- **Developing Cheap I.O.T. Solutions** (Currently working)
- **Google Assistant powered Voice Controlled I.O.T. device** (Ideal for cheap I.O.T Home and Office Automation. Added custom commands using Python)
- **Automated Licence Plate Reader** (Created a automatic wireless model toll gate system with Raspberry pi using KNN algorithm)
- **Gesture Controlled Drone** (Used Gynoscope, HC-SR04 and two HC-05 Bluetooth modules in Master-Slave configuration to calculate angle, height and distance of the hand. Implemented with Arduino board)
- **Voice controlled land rover with a Robotic Arm.** Gesture Controlled Drone (Used Gyroscope).
- **Uber like Ambulance calling application** (Used Android studio with Google Firestore)
- **Bluetooth controlled uneven Terrain Rover** (Used Arduino and servo motors with two degrees of freedom in each leg)

## Conferences

- 2017-12 **The International Conference on Machine Learning and Data Science -ICMLDS**
- 2018-01 **The fifth International Conference on Transformations in Engineering Education -ICTIEE**
- 2018-12 **The Eighth International Advance Computing Conference - IACC**

## Extra-Curricular Activities

2018-07  
present

### Joint Secretary, Bennett Robotics Club

Responsible for organizing Workshops, Meetings, Talks and Guest Lectures, handling finances and Public Relations of the club.

2018-01

### Student Representative, International Conference on Transformations in Engineering Education

Put forward the views of students at Bennett University about the best practices and modifications that can be inculcated in the Engineering Curriculum to meet the current industry and research standards.

2018-03

### Organizer, Uphoria Festival, Bennett University

Organised Project Expo - Exhibition of projects belonging to the domains of Robotics, Electrical Engineering and Computer Sciences.

2018-10

### Ethical Hacking Workshp at IIT-Delhi

2017-09  
present

### Member, Society of Automotive Engineers

2018-08

### Member of Bennett Open Source Society

Enrollment No. : E17CSE113

Student's Name : RUSHIL GOOMER

Close

Semester 4 (Currently registered semester)

Semester	Registered Credit	EARNED CREDITS	PROGRESSIVE EARNED CREDITS	EARNED GRADE POINTS	PROGRESSIVE EARNED GRADE POINTS	SGPA	CGPA
1	24	24	24	225	225	9.38	9.38
2	23	23	47	198	423	8.61	9
3	25	25	72	212	635	8.48	8.82

Total Registered Credits: 72

Total Earned Credits: 72



Semester Grade Point Average(SGPA)

Cumulative Grade Point Average(CGPA)

Cumulative earned Credits as the end of the Semester

Equated% of CGPA as per Approved Table

Audit, Minor and Hons courses are not being counted towards calculation for SGPA/CGPA.