



# S R Rahul

Electronics & Communication Engineer



## Education

- 2012 ● **C.R.R Residential High School**
  - 10th, CGPA – 9.8 / 10
- 2012 - 2014 ● **Sri Chaitanya Jr. College**
  - 12th, Percentage – 94 %
- 2014 - 2018 ● **NIIT University**
  - Bachelor of Technology in Electronics and Communication Engineering
  - CGPA - 7.66/10- till date



## Projects & Trainings

- Apr 2017 ● Performance Analysis of Smart Automation Systems - **R&D Project.**
- Feb 2017 ● Smart Flood Monitoring Solution - **IoT Project.**
- Feb 2015 ● Designed and constructed an Obstacle Detecting Rover using Arduino and IR Sensors - **DLC Project.**
- Aug 2016 ● Participated in Network Communication Workshop, BSNL-ALTTC by **Mr. Vikas Nigam.**
- Sep 2016 ● Participated in Satellite Communication Workshop by **Mr. Anil Kumar.**



## Publications

- Jan 2017 ● Performance Enhancement and IoT Based Monitoring for Smart Home - **ICOIN 2017**
- Jan 2017 ● Congestion Detection and Reduction Scheme in VANETs - **ICEIC 2017**
- Aug 2017 ● Variable Delay Broadcasting Scheme for Fast Information Dissemination in Vehicular Ad hoc Networks - **iSITIA RCEEE 2017**
- Jan 2017 ● Data Analytics Based Driver Assistance System in VANETs - **ICMLSC 2017**



## Experience

- Jun 2016 - Jul 2016 ● **Summer Internship**

Development of Proportional-Integral-Derivative controller on arm cortex M4 processor and integration of web server for controlling purpose.
- Sep 2016 - Mar 2017 ● **Informal Events Head - IngeNUity '17 (Annual Fest)**

NIIT University



## Skills

- **Programming Languages:** C, C++, Assembly Language, Python.
- **Software Environments:** Matlab, Raspbian OS, Arduino IDE, ORCAD.
- **Hardware Environments:** Arduino, Raspberry Pi, LoraWan, ATMEL89S52, PIC16F877A, ARM Cortex M3 & M4 processors and various sensors.
- **Packages:** Microsoft Office.



## Personal Info

### Phone

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### E-mail

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### Date of birth

15 August 1996

### GitHub

<https://github.com/Elec-TRON>

### Digital Portfolio

[srrahul.weebly.com](http://srrahul.weebly.com)

### LinkedIn

<https://www.linkedin.com/in/s-r-rahul/>



## Hobbies

Travelling

Listening to music

Photography



## Languages

English

Hindi

Telugu

Kannada



## Areas of Interest

Smart Automation Systems

Internet of Things

VANETs