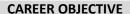# RAHUL YADAV

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rahulec1999@gmail.com

https://www.linkedin.com/in/rahul-yadav-825351153

CAREER OBJECTIVE

Seeking a position with an organization where I can contribute my skills for organization's success and synchronize with new technology while being resourceful, innovative and flexible.

ACADEMIC DETAILS

Course	Board/Institute	School/College	Year	Percentage/CGPA
B. Tech (**Electronics and communication engineering)**	Dr. A.P.J Abdul Kalam Technical University, Lucknow	Pranveer Singh Institute of Technology, Kanpur	2021	82.4 %
Intermediate	CBSE, Lucknow	Kendriya Vidyalaya AMC Lucknow	2017	77.83 %
High School	CBSE, Lucknow	Kendriya Vidyalaya AMC Lucknow	2015	9.0 CGPA

TECHNICAL SKILLS

- **Software Packages** : MATLAB, Visual Studio Code, Proteus, MAVSDK, NI LabVIEW
- **Programming Languages** : Python 3.7, C, C++
- **Development Boards** : Arduino, STM32, ESP8266 NodeMCU, Raspberry pi, MSP430, PX4

AREA OF INTEREST

1. Internet of Things   2. Machine Learning   3. Embedded System

SUBJECT OF INTEREST

1. Data Structure

MAJOR PROJECTS

	Accomplished	Accomplished	Accomplished	Accomplished
Title	**Autonomous Ground Control Unit for Multiple UAVs**	**Biometric Encrypted Home Security System**	**Patient Monitoring and Feedback system**	Intelligent Unmanned Arial Vehicle For Military operations
Team Size	3 Members	1 Member	1 Member	3 Members
Duration	3 weeks	3 days	2 weeks	6 months
Role Played	Team leader and backend developer	Complete Developer	Complete Developer	Team leader and Firmware Developer
Description	It is a ground control system for navigation of multiple UAVs in air Autonomously. It follows Mavlink Protocols over the Radio Link.	This is a security system module for home, based on Fingerprint authentication.	It is an IoT based Patient Welfare system to facilitate patients in ICUs.	Using IoT, we have designed an intelligent unmanned Arial vehicle which can respond to obstacles as well as can cover large area for operations and rescues.

STRENGHTS

- Creativity along with smart working   • Leadership   • Technical competence

ACHIEVEMENTS

- Successfully filed Patent on **Patient Monitoring and Feedback system**.
- Runner up in **Smart India Hackathon 2019 Hardware Edition at Bangalore.**
- Successfully completed the project and Winner of Integrated **Technology Olympiad 2018 held in Pune.**
- **Winner** of **project expo** organized by PSIT.
- **Runner up** in National level program of **National Children Science Congress** held at **IIT Bombay By Govt. of India.**
- **Two times Winner of Jawaharlal Nehru Science and Mathematics project exhibition.**

WORKSHOP/ SEMINAR

- Successfully completed workshop on **Cryptography and Cybersecurity** conducted by **CRSI** held at **PSIT Kanpur.**
- Successfully completed workshop by Google on **GCP** and **cloud applications**.

PERSONAL DETAILS

- **Father's Name** : Mr. Hansraj Yadav
- **Date of Birth** : 14/11/1999
- **Languages known** : Hindi, English
- **Permanent Address** : Durgapuri Colony, Neelmatha Lucknow Cantonment

DECLARATION

I hereby declare that all the information mentioned above is true to the best of my knowledge.
Date : 08/09/2021
Place : Lucknow   Rahul Yadav