



# LEKHRAJ SINGH

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65/1 Sraitaki,  
Jhunsi, Allahabad,  
Uttar Pradesh PIN- 211019

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**OBJECTIVE** To obtain summer internship in the field of Electronics and Computer Engineering that will utilise my skill sets to its fullest.

EDUCATION	Degree	College/School	University	Passing Year	Pass Percentage
	B.Tech	IET Lucknow	AKTU	2020	7.83
	Intermediate	MPVM Allahabad	CBSE	2015	92
	High School	MPVM Allahabad	CBSE	2013	95

- PROJECTS**
1. **Project Repository** : <https://github.com/Lekhraj1729>
  2. Chaser Drone: Using ROS and Whycon marker detection and PID algorithm to control drone motion
  3. GUI based Malaria detection using image processing through MATLAB
  4. Game automation using adb tools and image processing through MATLAB

- CERTIFICATIONS**
1. Pursuing six month specialization in field of Robotics from University of Pennsylvania.
  2. Pursuing IBM Blockchain foundation for Developers from IBM.

- TECHNICAL SKILLS**
1. Image processing through MATLAB
  2. GAZEBO, PSpice, Proteus
  3. Microcontroller Boards - Raspberry Pi , AVR, Arduino
  4. Robot Operating System (ROS)

- SOFT SKILLS**
1. Programming Languages -
    - C
    - C++
    - Python
  2. MS Office
  3. Database - My SQL
  4. Operating System
    - Linux
    - Windows

CO-  
CURRICULAR  
ACTIVITIES

1. Organised the event Aerotrix in college technical fest Parakram 2018.
2. Provided workshop in the college robotics club over basics of Arduino and Embedded systems and interacted with the students.
3. Participated and got selected in the 6 teams from the college for the Ideathon organised by National Knowledge Network in January 2017.
4. Participated in 6th Science Conclave held at IIIT Allahabad in 2013.
5. Got selected in National Talent Search Examination in 2013.

INTERESTS

1. Scientific research in Maths and Physics.
2. Learning algorithms of Artificial Intelligence and Machine Learning.
3. Utilising the concepts of Robot Operating System.

PERSONAL  
DETAILS

- **Fathers Name:-** Mr. Vinod Kumar Singh
- **Mothers Name:-** Dr. Suman Singh
- **Sex:-** Male
- **Date of Birth:-** 07/01/1999
- **Nationality:-** INDIAN
- **Marital Status:-** Unmarried
- **Languages known:-** Hindi, English

REFERENCE

Dr. Ram Chandra Singh Chauhan  
Prof. Electronics and Communication Engineering  
rcschauhan@ietlucknow.ac.in

DECLARATION

I hereby declare that all the information stated above is true to the best of my knowledge.

DATE

April 20, 2018