# Rajendra Singh

Sophomore Undergraduate Student, III Year
Computer Science and Engineering
Indian Institute of Technology, Palakkad

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IIT PALAKKAD

## OBJECTIVE

To pursue internship in the fields of Machine Learning and Data Science.

## EDUCATION

| Program | Institution | %/CGPA | Year of Completion |
|---|---|---|---|
| B. Tech (CSE) | Indian Institute of Technology, Palakkad | 7.08 | (Till 4th Semester, 2018 ) |
| XII | Delhi Public School, Udaipur | 89% | 2016 |
| X | Delhi Rajasthan Public School, Rajsamand | 96% | 2014 |

## SCHOLASTIC ACHIEVEMENTS

- Selected for Kishore Vaigyanik Protsahan Yojana (KVPY) Fellowship
- Winner, Kaizen Robotics Program Competition, Lema labs
- In top 10, in Class 10 , Board of Secondary Education, Rajasthan
- Best Student Award 2014 – 15, Rajsamand Education Society
- Merit Scholarship Class X, Army Welfare Education Society
- Ranked First in Udaipur Division Science Quiz, Science and Technology Department, Rajasthan

## TECHNICAL SKILLS

- Data Analysis(Tensorflow, Keras, NLTK)
- Machine Learning(CNN,RNN)

## EXPERIENCE

- Interned in Data science at Researchshala, Chandigarh for 2 month where I worked on data scraping and cleaning, topic modeling, sentiment analysis,parsing, GANs.

## PROJECTS

- Built a Prusa i3 3D Printer and 3D Printed Robotic Arm under Vistaar Program of CFI, IIT Madras
- Built Automated Toilet Cleaning Robot, Ranked 6th in Inter IIT Tech Meet 2017 -18, IIT Madras
- Built an IOT Based Autonomous Farming under Makerthon 2017, Lema Labs, IIT Madras Research Park
- Built a Maze Solving Robot using Atmega16 on Arduino platform
- Built a PC and Gesture Controlled Robot with Robotic Arm and Other robotics project using Atmega16 on Arduino platform
- Built Smart Parking System on the Zybo (FPGA) Board, programmed in Verilog

## RELEVANT COURSES AND TRAINING

- Machine Learning Workshop
- IOT Workshop
- Robotic Basics and Advanced Workshop
- Probability, Linear Algebra
- Artificial Intelligence
- Principle of machine learning

## EXTRACURRICULAR ACTIVITIES

- Club head, Robotics club IIT Palakkad
- Active member of Data Analysis Club and Coding Club, IIT PKD(2017 – Present)

## REFERENCES

- Dr Jasine Babu, Assistant Professor
  Department of Computer Science and Engineering, IIT
  Palakkad E-Mail: jasine@iitpkd.ac.in
- Dr Deepak Rajendraprasad, Assistant Professor
  Department of Computer Science and Engineering, IIT
  Palakkad E-Mail: deepak@iitpkd.ac.in