

Rajendra Singh

Sophomore Undergraduate Student, II Year
Computer Science and Engineering
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DOB : 27th Nov 1997



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	7.22	2017 (Till 3 rd Semester)
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, Cleared both levels
- In top 10, in [Class 10](#) , Board of Secondary Education, Rajasthan
- [Best Student Award](#) 2014 - 15, Rajsamand Education Society
- [Merit Scholarship](#) Class IX and X, Army Welfare Education Society
- [Ranked First in Udaipur Division](#) Science Quiz, Science and Technology Department, Rajasthan
- In [Top 2 District Merit List](#) , State Science Talent Search Examination(SSTSE)
- [Silver medal](#), Class 10, Board of Secondary Education, Rajasthan.

TECHNICAL SKILLS

- C, Python, Machine Learning, OpenCV, HTML, MATLAB, Verilog, Assembly Language (MIPS), PHP, CSS

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 Atmega 16 on Arduino platform
- Built a [PC and Gesture Controlled Robot with Robotic Arm](#) using Atmega 16 on Arduino platform
- Built [Smart Parking System](#) on the Zybo (FPGA) Board, programmed in Verilog
- Handwritten digits Recognition using both [Convolution Neural network](#) and [linear Classifier](#) on Mnist data-set
- [House price prediction](#) model using Linear Regression
- Other [Basics Robotic](#) using Atmega 16 and Arduino Platform.

RELEVANT COURSES AND TRAINING

- Machine Learning [Workshop](#)
- IOT [Workshop](#)
- Robotic Basics and Advanced [Workshop](#)
- Probability, Statistics and Stochastic Processes
- Linear Algebra
- Language, Machine and Computation

EXTRACURRICULAR ACTIVITIES

- 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