

# Raghav Sethi

Indian Institute of Technology Mandi  
B.Tech Computer Science and Engineering

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## EDUCATION

School	Degree	Year	CGPA/Percentage
IIT Mandi	BTech CSE	2014-18	7.92
Mother Khazani Convent School	XII (CBSE)	2014	97%
Jankidas Kapur Public School	X (CBSE)	2012	10

## PROJECTS AND EXPERIENCE

### 3D HOLOGRAPHIC PROJECTOR

DESIGN PRACTICUM | Mar '16 – May '16

Created a product which solved the problem of 3D visualization by displaying 3D projections inside a glass pyramid which can be controlled through hand gestures or remote. Leap Motion detected simple hand gestures like swipe, pinch. Different QR panels displayed different objects simultaneously.

Worked in Unity 3D Engine, Leap Motion Controller, Arduino, OpenCV

### MEDICAL RECORD AUTOMATION

DATABASE PRACTICUM | Sep '15 – Nov '15

Developed a website for a hospital where patients can book an appointment and doctors can edit and see patient records. Doctor and patients details like images/PDFs of reports and his progress were stored in a database.

Worked in MySQL, PHP, HTML, CSS, JavaScript, Bootstrap

### PASSWORD BASED DOOR LOCK SYSTEM

APPLIED ELECTRONICS | May '15

Implemented a model in which a person has to enter correct pin in a keypad which then powers a motor connected to Arduino to unlock the door. Option to change the password was provided.

Worked on Arduino Uno, LCD Screen

## SKILLS

C, C++, Python

HTML, CSS, PHP, Javascript,  
PHP, Bootstrap, MySQL

Adobe Photoshop, Unity3D

## ACHIEVEMENTS

3rd Position in Design Practicum  
out of 19 teams

1st prize in Junkyard Wars'14  
competition in college

School Topper -Class XII Boards

JEE Adv Rank: 2878 (Out of 1.4  
million candidates)

## RELEVANT COURSEWORK

Advanced Data Structures and  
Algorithms

Database Practicum

Mathematical Foundations of  
Computer Science

Probability, Statistics and

Random Processes

Linear Algebra

Reverse Engineering

## POSITION OF RESPONSIBILITY

Designing Coordinator - Rann  
neeti (College Fest)

Event Co-coordinator at Exodia  
(College Fest)

Represented college in TT in  
Inter-IIT Sports Meet at IITB