# RAGHAV SETHI

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## EDUCATION

| Degree | School | Year | CGPA or % |
|---|---|---|---|
| B.Tech , Computer Science | IIT Mandi, HP | 2014-18 | **8.01** |
| XII (CBSE), Science | Mother Khazani Convent School, Delhi | 2014 | **97 %** |
| X (CBSE), Science | Jankidas Kapur Public School , Sonepat | 2012 | **10** |

## TECHNICAL SKILLS

**Languages:** C, C++ (Proficient) Python (Intermediate) HTML, CSS, PHP, Javascript, Bootstrap (Basic)
**Tools:** Git, Vim, Sublime Text, Adobe Photoshop, Unity3D
**Database:** MySQL, SQL
**OS:** Linux, Windows

## PROJECTS

**Facebook Messenger Quotebot**

*Application Development*                                                                                                          Jul 16
● Built an automated messenger bot that can respond with a unique quote (from internet) to keywords by user
● Used facebook's send/receive API and flask framework for web request handling
Tools/ Languages: Python, Heroku, Flask, Git

**3D Holographic Projector**

*Design & Innovation*                                                                                                    Mar 16 – May 16
● Created a product which displayed 3D-projections inside a glass pyramid that can be manipulated by hand gestures
● Solved the problem of 3D visualization through the product using leap motion technology
Tools/Languages:  Unity 3D Engine, Leap Motion Controller, Arduino

**Medical Record Automation**

*Database Systems*                                                                                                        Sep 15 – Nov 15
● Developed a portal that enabled patients to book appointments online and retrieve medical records
● Accessed information that was stored in a MySQL database
Tools/Languages: MySQL, PHP, HTML, CSS, JavaScript, Bootstrap, Git

**Password Based Door Lock System**

*Applied Electronics*                                                                                                      Sep 15 – Nov 15
● Designed a model in which a person has to enter correct pin in a keypad to power a motor that unlock the door
Tools: Arduino, LCD screen

## AWARDS AND HONORS

● 91st rank in national level Microsoft Build the Shield contest                                                   2016
● 3rd Prize for 3D Holographic Projector in design practicum course out of 19 teams , IIT Mandi      2016
● Represented college in table tennis in Inter-IIT Sports Meet at IIT Bombay                              2014
● 1st prize in Junkyard Wars, Energy Club-IIT Mandi                                                              2014
● Class XII School topper                                                                                                      2014
● JEE ADVANCE AIR - 2878                                                                                                 2014

## LEADERSHIP EXPERIENCE AND ORGANIZATIONS

● Rann-neeti, Sports Fest, IIT Mandi – *Design Coordinator*                                                   2015
● Exodia, Cult -Tech Fest, IIT Mandi– *Event Coordinator*                                                       2014
● Sports Society, IIT Mandi – *Hostel Table Tennis Secretary*                                                   2014