Raghav Sethi

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PROJECTS AND EXPERIENCE

3D HOLOGRAPHIC PROJECTOR, DESIGN PRACTICUM

COURSE PROJECT | Mar 2016 – May 2016

Won 3rd prize out of 19 Teams

Created a product which solved the problem of 3D visualization by creating 3D projections inside a glass pyramid which can be controlled through hand gestures or remote. Leap Motion Sensor which is a new sensor was used to detect hand gestures.

Worked in Unity 3D Engine, Leap Motion Sensor, Arduino and OpenCV

MEDICAL RECORD AUTOMATION WEBSITE, DATABASE PRACTICUM

COURSE PROJECT | Sep 2015 – Nov 2015

Developed a website for a hospital where patients can book appointments with doctors and doctors also can edit and see patient records.

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

PASSWORD BASED DOOR LOCK SYSTEM, APPLIED ELECTRONICS

COURSE PROJECT | Mar 2015- May 2015

Developed a prototype in which a person has to enter correct pin in a keypad which then powers a motor to unlock the door.

Worked on Arduino Uno

EDUCATION

School	Degree	GPA/Percentage
IIT Mandi	Btech	7.92
Mother Khazani Convent School	12th Standard	97% (School Topper)
Jankidas Kapur Public School	10th Standard	10

SKILLS

C, C++, Python

HTML, CSS, PHP, MySQL

Adobe Photoshop, Unity3D

POSITION OF RESPONSIBILITY

Table Tennis First Year Secretary(2014)

Represented college in Inter-IIT Sports Meet 2014 in Table Tennis held at IIT Bombay

Designing-Coordinator Rann-neeti(Sport's Fest of college)

RELEVANT COURSEWORK

Advanced Data Structures and Algorithms

Database Practicum

Mathematical Foundations of Computer Science

Probability, Statistics and Random Processes

Linear Algebra

Reverse Engineering

Design Practicum