

# Santosh A Kalshetti

Roll No.:170003047

B.Tech - Mechanical Engineering

Indian Institute Of Technology Indore

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## EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. Major	Indian Institute of Technology Indore	8.56 (Current)	2017-Present
Senior Secondary	HSC Board	90.1%	2017
Secondary	SSC Board	94.2%	2015

## PROJECTS

- **Dynamic TO-DO List** *Oct. 2020 - Oct. 2020*  
*Domain : Python, Flask Framework, SQLAlchemy and SQLite*
  - Created a Web app which keeps track of the tasks listed in the "T0-Do List" along with date of creation and added remarks. It supports entering new to-do tasks, updating existing tasks and deleting any task present in the list.
- **Design and implementation of an experimental Segway model** *Nov. 2020 - Nov. 2020*  
*Domain : MATLAB, Simulink*
  - Mathematical analysis and Modelling of the internal working of Segway model using MATLAB and Simulink

## TECHNICAL SKILLS

- **Programming:** Python, C/C++  
HTML, CSS, Python Flask *\* Elementary proficiency*
- **Peliminary knowledge:** MATLAB, AutoCAD, MS-Excel

## KEY COURSES TAKEN

- **Online Courses:** Data structures and Algorithms with Python, Programming using C/C++
- **Mathematics:** Linear Algebra, Basic Calculus, Discrete Maths, Probability & Random Processes

## POSITIONS OF RESPONSIBILITY

- **Member,** Quiz Club, IIT Indore *Apr. 2017 - Present*

## ACHIEVEMENTS

- **AIR 4014 (General),** JEE Advanced *2017*
- **AIR 6623 (General),** JEE Main *2017*