

EDUCATION

Bachelor of Engineering (B.E), Mechanical Engineering

Silver Oak College Of Engineering And Technology

2016 - 2020

CGPA: 7.87/10

JOBS

Volunteering

Welingkar Institute Of Management Development & Research, Mumbai

Jan 2020 - Jan 2020

I volunteer in an event held by an event MIT named 'MIT India initiative'. I was serving as an organizer coordinator by Encube Labs. We were providing support and guidance for 3D printing and design consultant for 3D modeling in Fusion 360.

INTERNSHIPS

Digital Manufacturing

Fab Academy, Cambridge

Jan 2019 - Jul 2019

Fab academy is online course offered by Bits and atom, Medial lab of MIT to various students around the world to teach them different skills related to Digital manufacturing and product design. It is six months course.

TRAININGS

DIGITAL MANUFACTURING

Fab Academy, Online

Jan 2019 - Jul 2019

It is a digital manufacturing training program from bits and atom, media lab, MIT Boston.

PROJECTS

Smart bin

Jan 2019 - Jul 2019

<https://idesign0.github.io/assignments/projectd>

It was a smart dustbin project which was part of an effort to bring Automation in Homes and make them use dustbins in public. Dustbin detects the user around it and opens itself. It has one more feature which can be used by shopkeepers.

SKILLS

SolidWorks

Advanced

C Programming

Intermediate

Embedded Systems

Beginner

PCB Design

AutoCAD

Advanced

C++ Programming

Intermediate

Autodesk Fusion 360

Advanced

EAGLE

Beginner

Beginner

Arduino

CNC Programming

Advanced

Intermediate

Rhino

OpenCV

Intermediate

Beginner

OpenGL

Beginner

WORK SAMPLES

Blog link

<https://idesign0.github.io/index>

GitHub profile

<https://github.com/idesign0>

ADDITIONAL DETAILS

Here is my application as an intern in Robotics/Automation division. Till now I had work in areas of design, electronics, Programming. Design is my Major. Some Design work is attached to the upcoming page.

I have expertise in digital manufacturing with CNC and 3d printing and laser cutting. I have done a Fab academy course which is based on digital manufacturing which taught us how to make anything, from Web development to PCB with efficiency.

I am at an intermediate level in Programming, I have done embedded programming with my PCB board with Arduino c. Currently learning c/c++ to go ahead in robotics.

In PCB making I know how to make boards to program other boards, I have programmed boards of Attiny 44, 45, and 328p. Which eventually made me in the fab lab.

Apart from these, I am learning C++, Forward Kinematics and Reverse kinematics using MatLab from the edx course of Pennsylvania university.

I have done all exercises and solved programming exercises of the book 'OOP with c++'. it is uploaded on GitHub in the Robotics repository I have worked on open frameworks platform and worked with libraries like OpenCV, OpenGL, BOX2D.