

# Sreeja Manickam Babuprakash

## B.Tech. | NIT Rourkela

Final Year, Industrial Design  
DOB: 05/11/2003  
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## Education

2021-PRESENT

B.TECH, ID  
NIT Rourkela  
CGPA : 7.87/10

MAY 2019

HIGHER SECONDARY  
SKV Matriculation HR SEC School, Tamil Nadu  
Percentage: 91.8%

MAY 2017

SENIOR SECONDARY  
International Indian School Dammam, Saudi Arabia  
CGPA: 9.2/10.0%

## Links

LinkedIn:// SREEJA MANICKAM  
BABUPRAKASH

## Skills

GENERAL PROGRAMMING  
C++, Python

FRAMEWORK  
NUMPY, PANDAS

SOFTWARES  
Catia, Photoshop, Autocad, MS Excel, MS Powerpoint

LANGUAGES  
English, Hindi, Tamil

## Relevant Courses

Elements and principles of Design  
Design Thinking  
Communication Design  
Materials and process for Design  
Art and Aesthetics in Design  
Design Workshop  
Adobe Photoshop

## Projects and internships

MAY 2024 Summer Internship

ML project

Topic: Detection and visualization of traffic-intensity

It is a Machine learning based project where I fine tune a model in order to detect the traffic intensity of the road and determine whether the following route will be safe to avoid the traffic or is it better to take a diversion

DEC 2023 Research Internship

IIT HYDERABAD

Topic: Hanging staircase body support for elderly with sleek walker

It is a product design project that I am working on for elderly to solve the issue of them climbing stairs with ease as well as no support from others. This product consists of two parts (a walker as well as a support hanging from wall)

2022-23 Industrial Design Project

College project

Topic: Development of a Manipulator for Weeding operations considering Product Design Principles

It is a product design project that I am working on as Weeding Manipulator emerges in response to the growing need for sustainable and efficient weed management in agriculture.

## Achievements/Certifications

2018-19 Academic Excellence Award

Winner

Received Honour roll of the class for the year 2018-19

2024 Kaggle

Machine learning

Completed various courses focused on Machine learning

## Extra Curricular Activities

2021-PRESENT Lance Corporal, National Cadet Corps

NCC

I was a part of youth organization camps focused on character development, comradeship, discipline, leadership, secular outlook, adventure, and selfless service.

2022-2023 Co-ordinator, Fun Events Team

Innovision

I coordinated a team of 49 for the Institute's Technical Fest, managing registration and overseeing properties post-event

2023-PRESENT Content and Social media team head

Printstation club

I am the Head of Social Media and Content for 'Printstation,' a 3D-printing club, managing social media platforms and overseeing content for all posts