

## Introduction

Amateur Python programmer with 2+ experience of building robots and software. I am a believer in and advocate of FOSS.

## Experience

### Intern at Peppermint

May 2021 - Aug 2021

Worked on Object Detection and Tracking for obstacle avoidance in crowded areas.

### Research Assistant at Intelligent Control Lab

Jul 2020 - Jan 2021

- BLE Module for Elevator Access
- Implementing Local Planner on Food Delivery Robot

## Projects

### Warehouse-Bot

Python

Warehouse bot is a robot designed to replace AS/RS systems in warehouses. It is designed to be autonomous with dynamic obstacle avoidance capabilities.

### BLE

C

A BLE Advertiser/Listener module to allow robot access to the elevator.

### Deep Learning

Python

Hobby projects on GAN, Reinforcement Learning, Semantic Segmentation

### CryptoWatcher

C#

A WebApp made with Blazor using CoinGecko API to get latest crypto prices.

## Education

### NTUT, Taiwan

Sep 2021 - Jul 2023

M.Sc, Electrical Engineering

### SRM IST, Chennai, India

Aug 2017 - Jun 2021

B.Tech, Mechatronics Engineering, GPA: 7.2/10

## Skills

**Most comfortable with** Python, ROS, Git, Linux

**Have worked with** C/C++, C#, Torch