Sruthi Soorian's Portfolio (Google Drive Folder)

Public Link to Portfolio:
https://drive.google.com/drive/folders/1wz2yccmYTNPkhXXy7TQhh3j7Fddd4ONA?usp=sharing

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Materials:

1. Introduction to ROS Poster
Poster on Robotic Operating System (ROS) and how it can be utilized for robotic platforms. This poster displays part of my research activities at the PRACSYS Lab (Rutgers University).

2. 6D Pose Estimation Poster
Poster on data collection for 6D pose estimation using Point Clouds and the Iterative Closest Point (ICP) method. This poster displays part of my research activites at the PRACSYS Lab (Rutgers University).

3. Potion Commotion Demo
Demo of Virtual Reality game created in 2017 at Carnegie Mellon University's Summer High School Game Academy program. This game lets users create potions using given recipes. I participated as a programmer on this project.

4. Drone Project
This video displays a drone I made with a partner during my senior year of high school (June 2018). The drone was created from hobby electronics parts and was programmed with a flight controller. I participated in designing, building, programming, and testing the drone.