Lance Bantoto

Last modified September 2, 2021

Overview

This document is intended to supplement my resume. I hope it gives you a better idea of projects I've worked on in the past and what I'm capable of. If you'd like to learn more, please feel free to send me an email at lancewbantoto@gmail.com. Enjoy!

Table of Contents

Project		Highlights	Timeline
1.	Autonomous Fixed-Wing Drone	System design/architecture	Personal Project May 2021 - Present
2.	Mars Rover Robot	System design/architecture	Personal Project July 2019 - Present
3.	PCB for Robotic Hand	Buck converter, servo motors and USB 2.0 layout	Internship Project Sept 2017 - Dec 2017

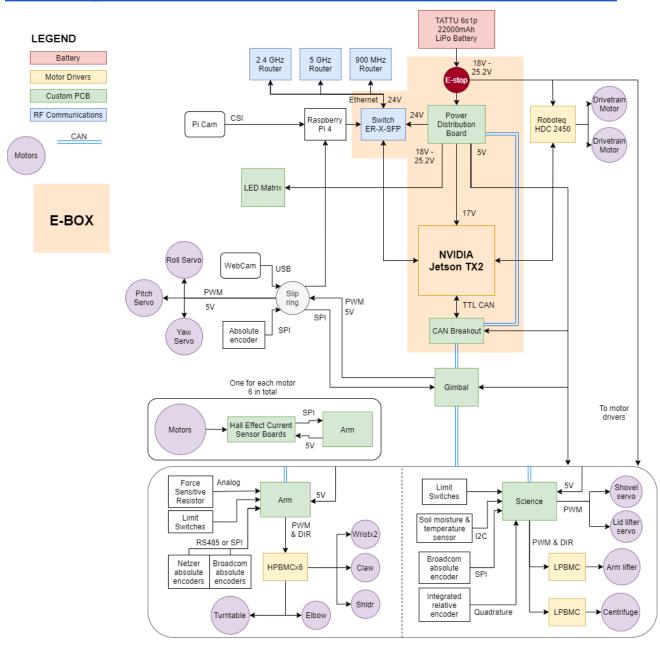
Autonomous Drone Electrical System Design

https://github.com/UWARG/hardware

Work in progress...:) **LEGEND** Power Distribution Battery Management System CAN Breakout Flight Controller Battery Board Custom PCB LiPo Battery Pack 4sXp RF Communications Ultrasonic Motor Controller Sensor COTS Electronics CAN Air Speed Motor Servo NVIDIA Sensor Jetson Nano XBee Radio Stuff Tail Aileron Aileron Grabber Gimbal Servo Servo Camera Propeller Motor

Mars Rover Robot Electrical System Design

https://github.com/uwrobotics/MarsRoverHardware



PCB for Robotic Hand

https://www.youtube.com/watch?v=eAf3FzncU8M

