**Build Script**

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**RaspiRover**

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**CENG 317**

**Introduction (4seconds)**

* Two second opening Title screen
* Small Introduction

**Parts (5seconds)**

* Amazon Package arrival (Raspberry Pi 3, Sensors)
* PCB
* Laser Cut Chasis from Prototype lab
* Servo Motors

**Assembly (6Seconds)**

* Assembling the parts together for a prototype

**Power Up(3seconds)**

* Turning on the Raspberry Pi 3 and short demo

**Functionality and Plan(12seconds)**

RaspiRover: a pocket size rover that is able to connect to an application, “PiRover” via Bluetooth using an android device and a Raspberry Pi 3 as the Client. This allows the user to control the Rover manually or automatically with sensors.

Future Plans: I plan to add future features such as a gathering device such as an arm, inspired by NASA’s own rovers. I also plan on encasing the rover with a case that is durable enough for any conditions and prevent any performance from being hindered.