

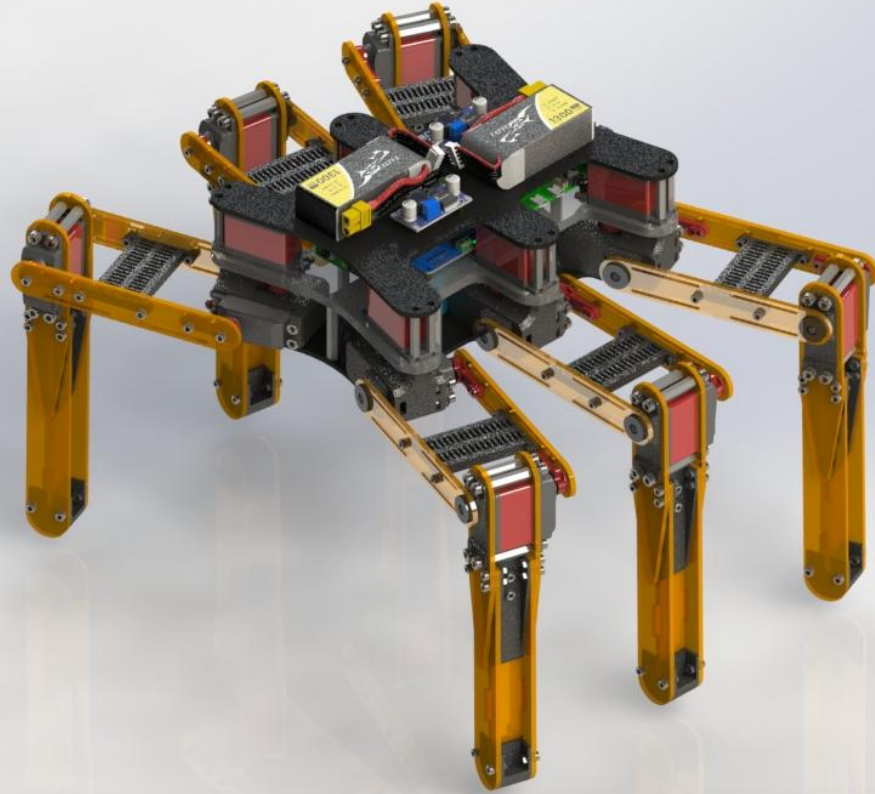
# Click to add robot

Libby Albanese, Morgan Strong, Yanxi Piao, Jeremy Kanovsky





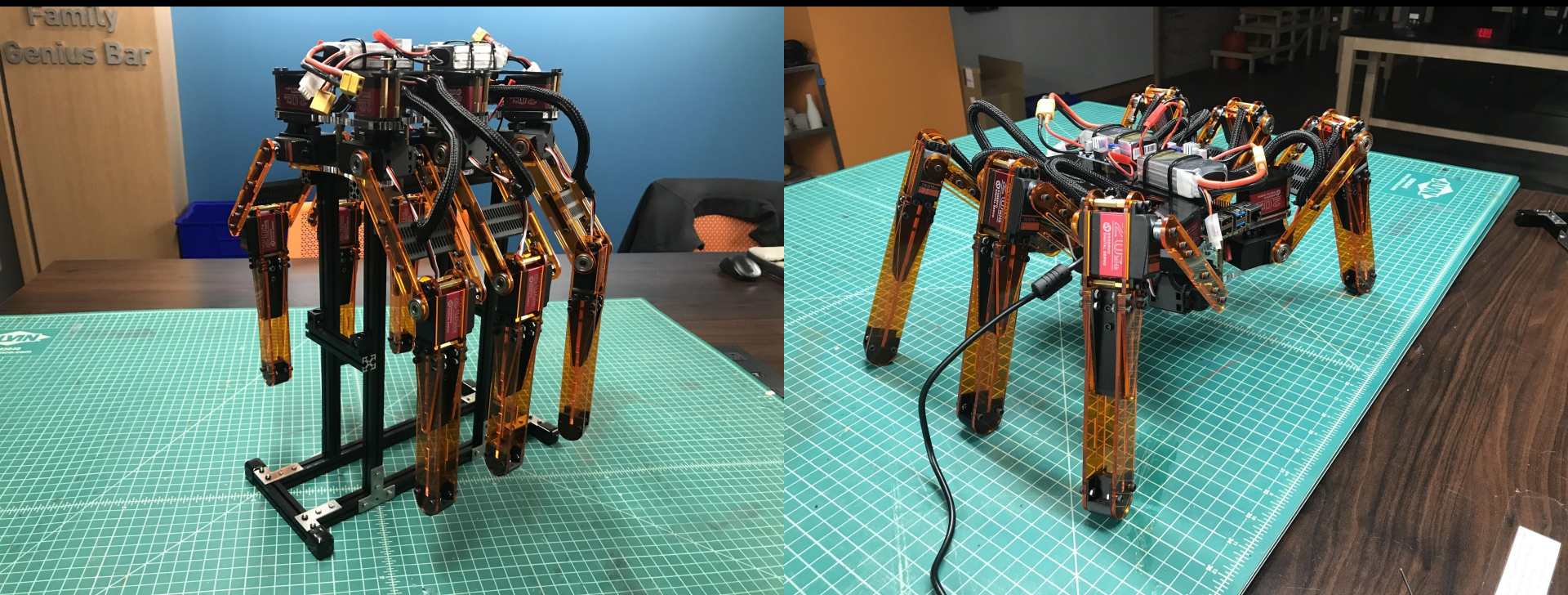




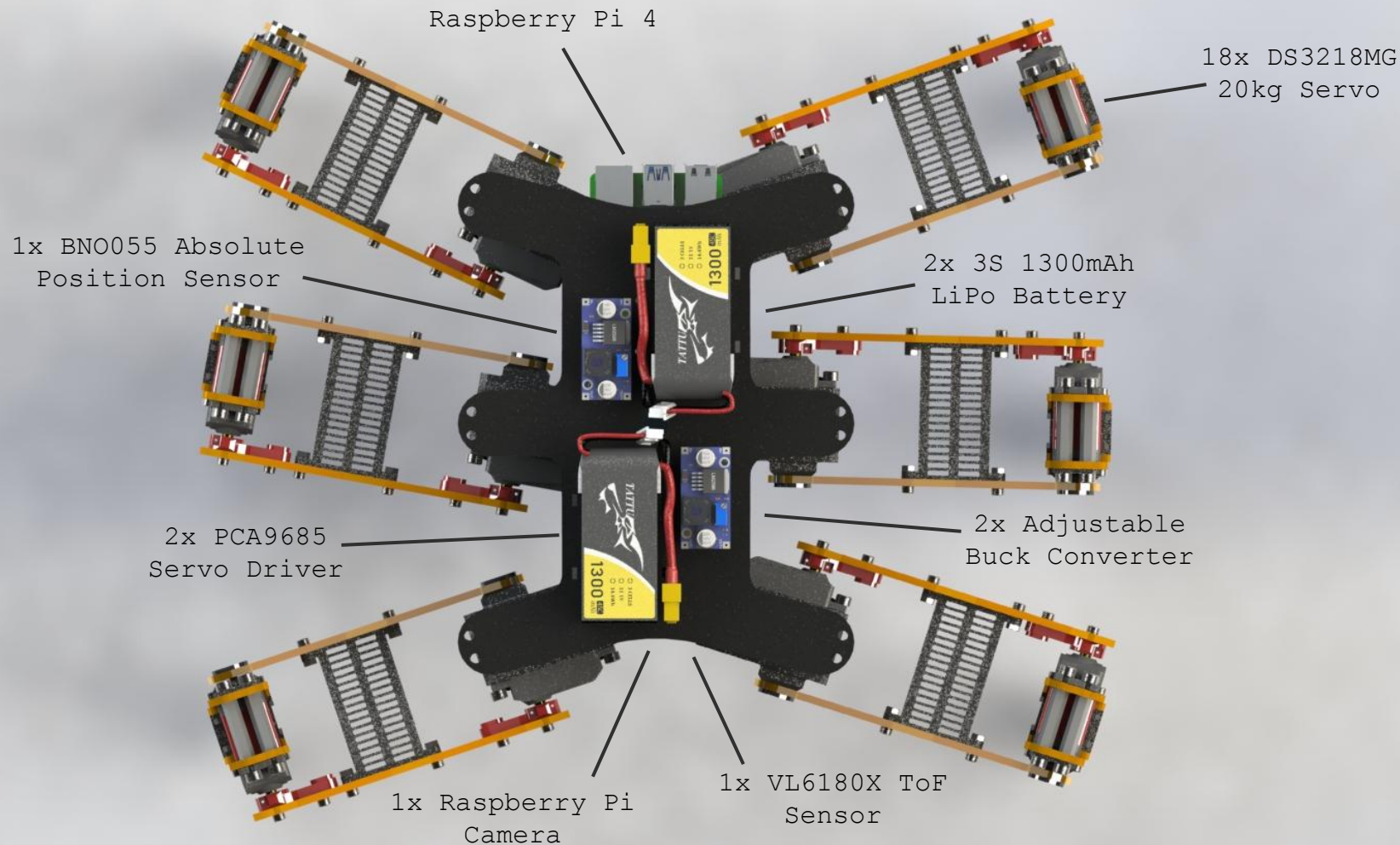


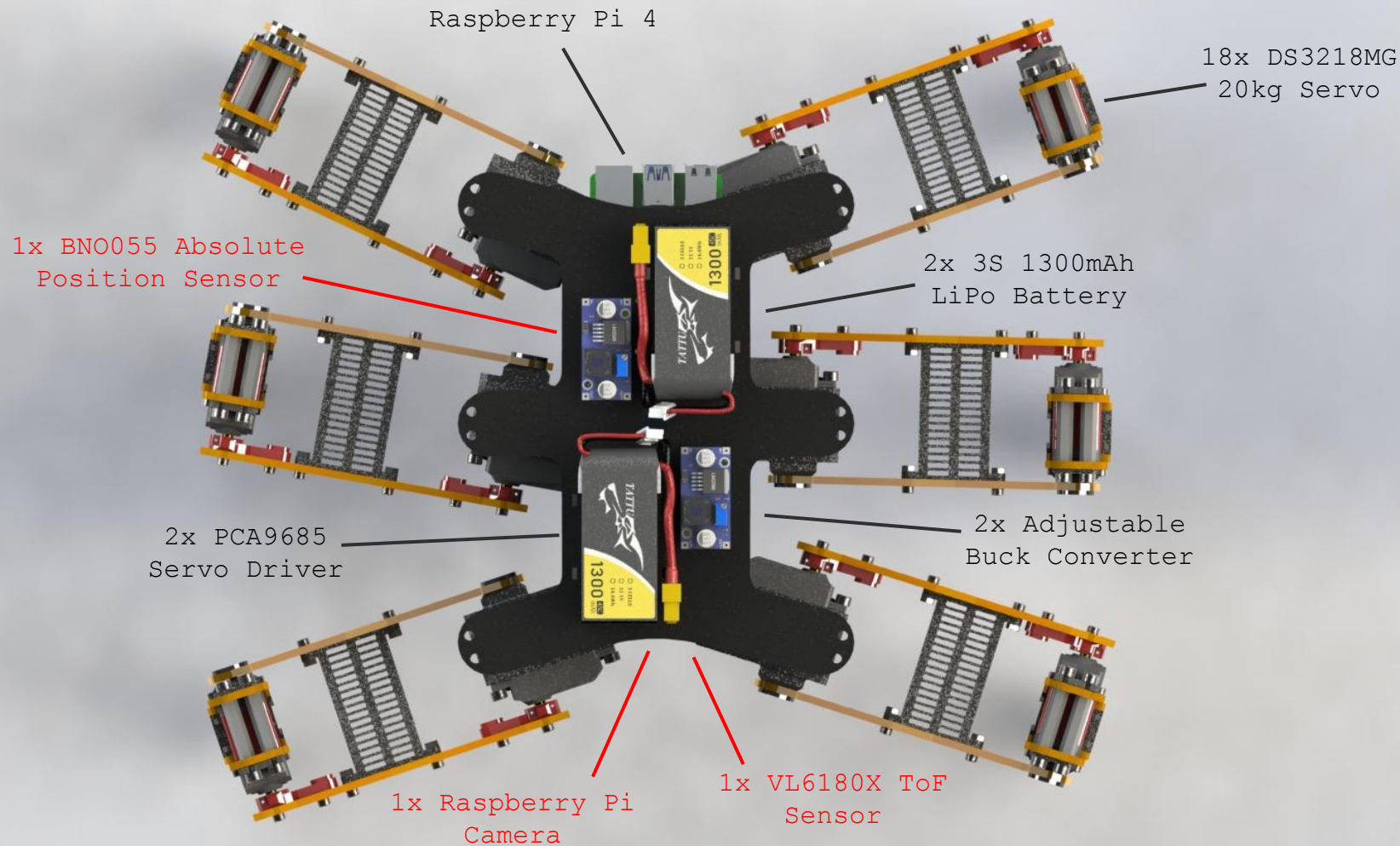






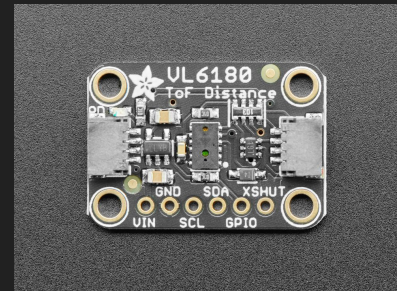
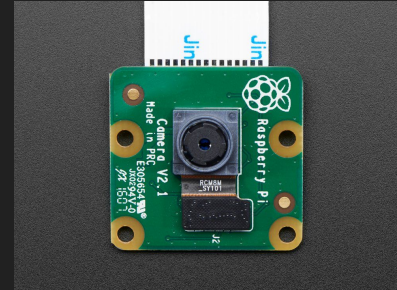
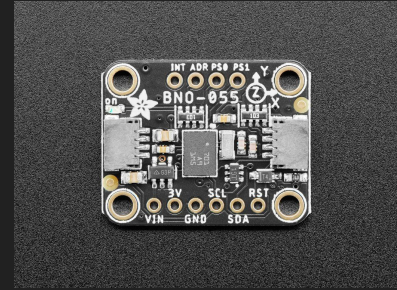


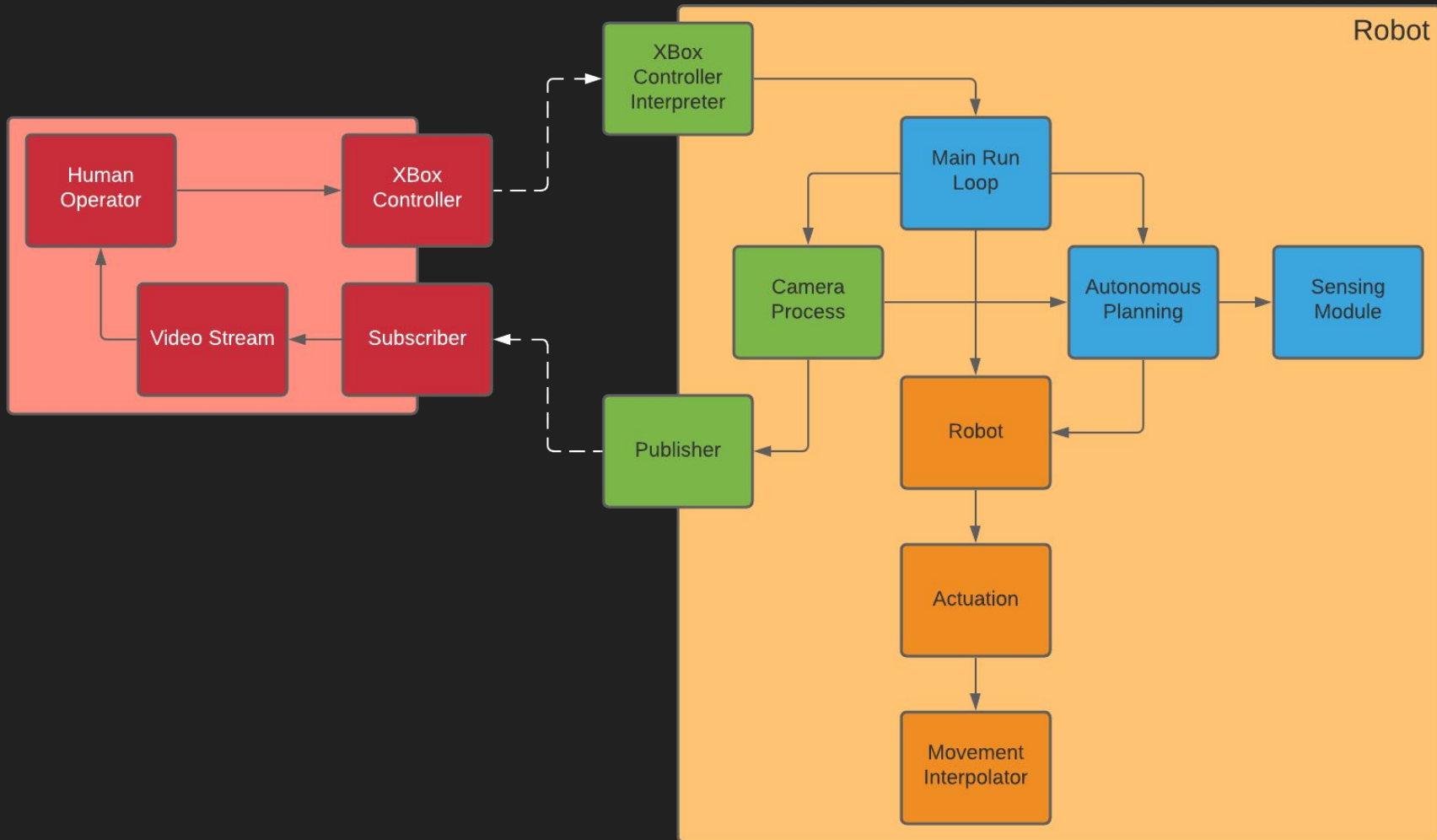


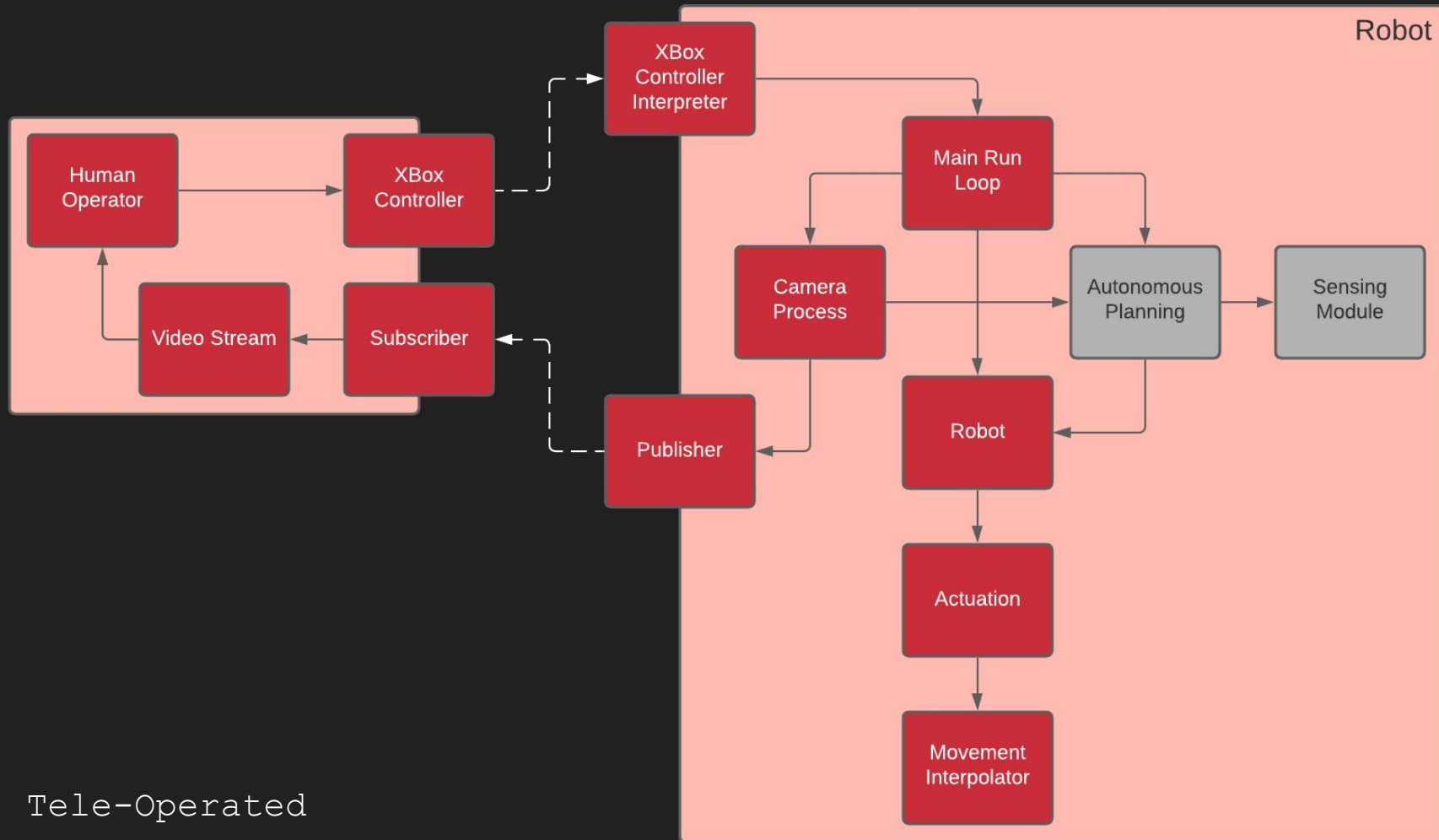


# Sensors

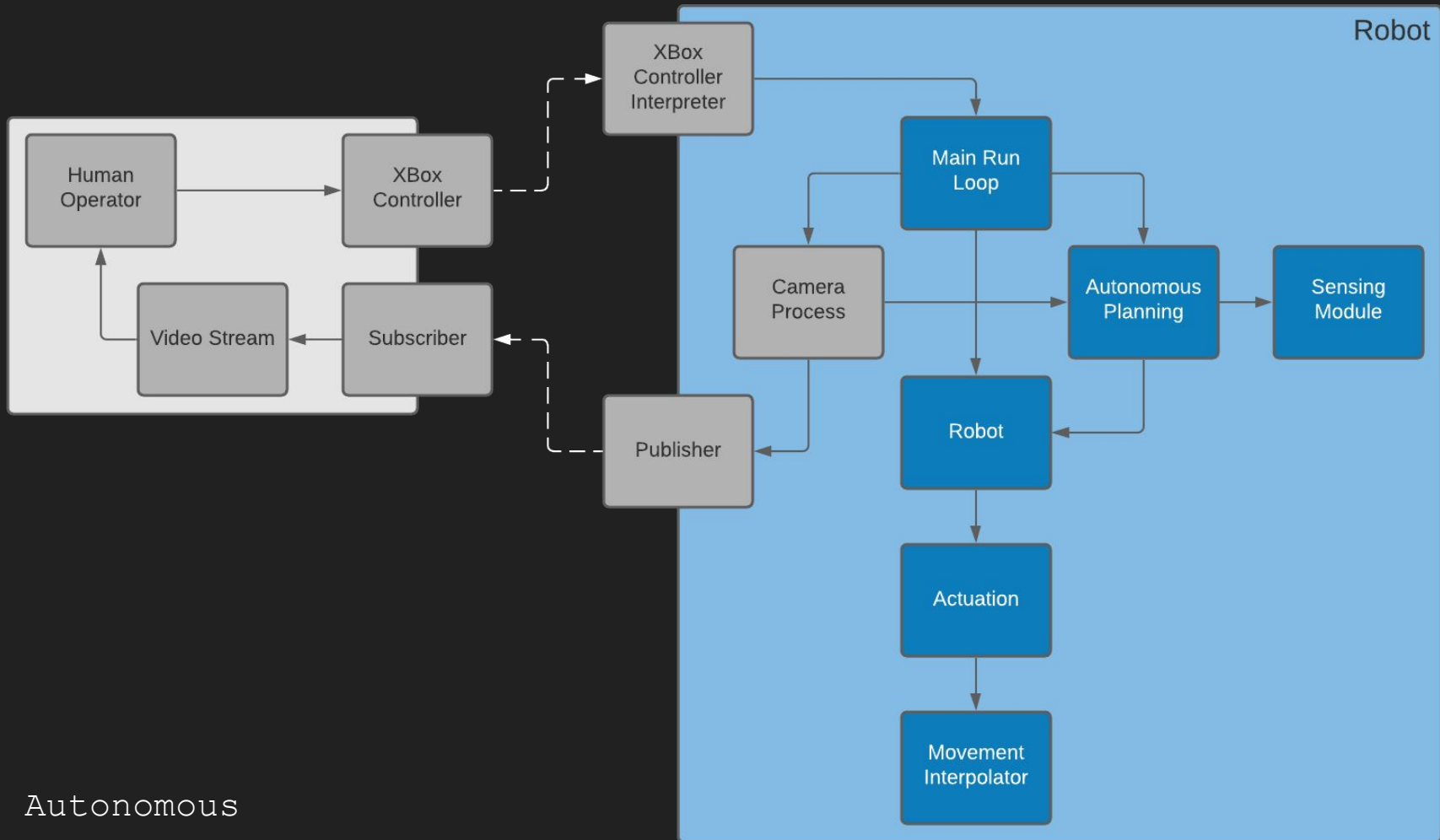
- BNO055 Absolute Orientation Sensor
  - Used to maintain stability and ensure body remains stable
- Raspberry Pi Camera
  - Used to classify obstacles and maintain heading
- VL6180X Distance Sensing
  - Used to detect distance to wall, back of tunnel, etc





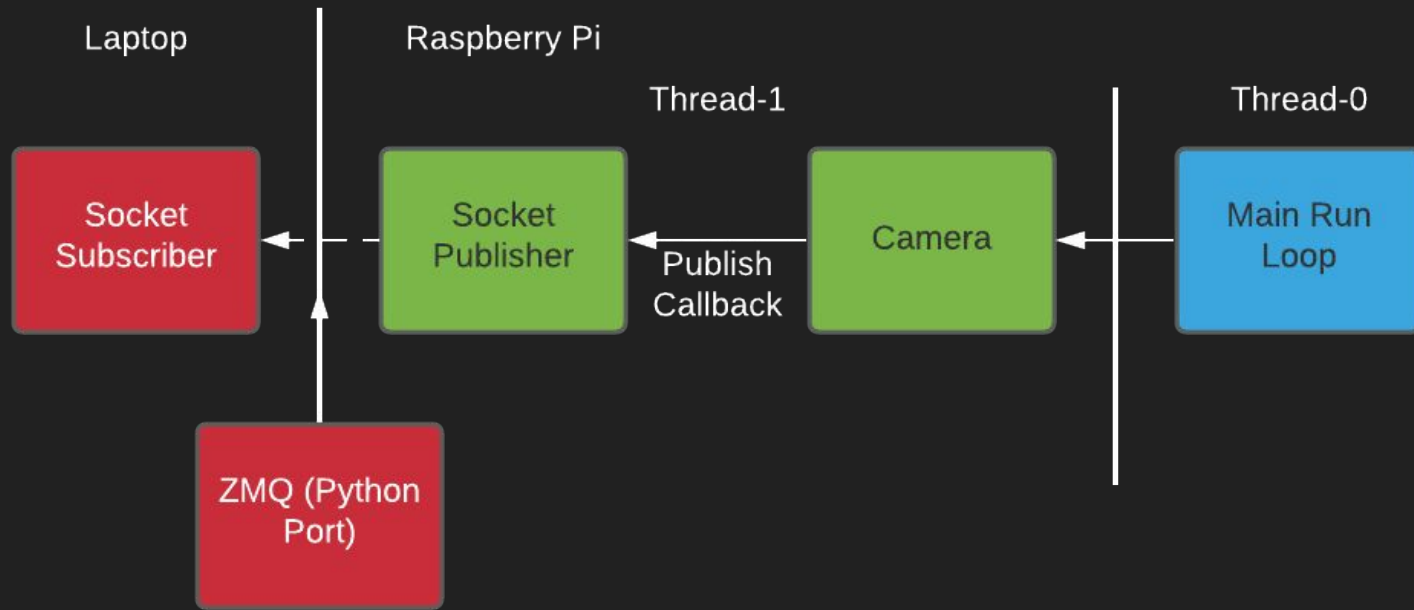




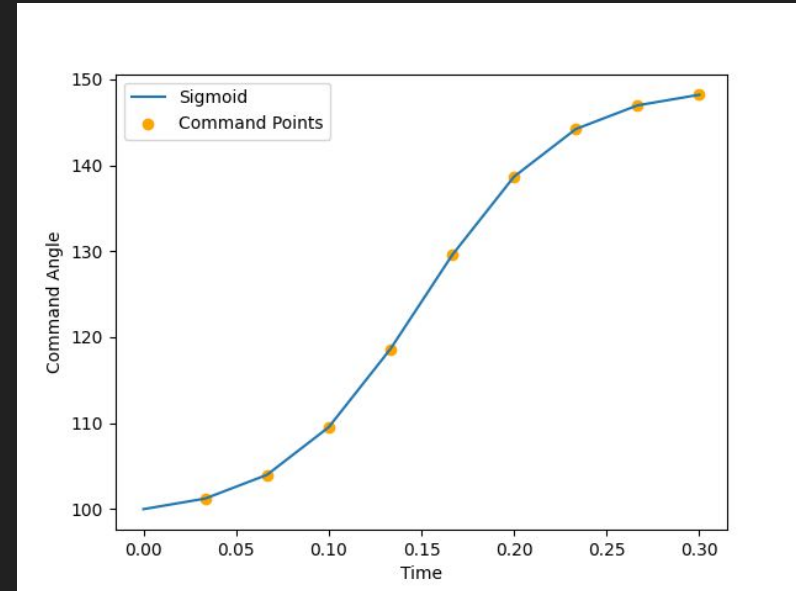
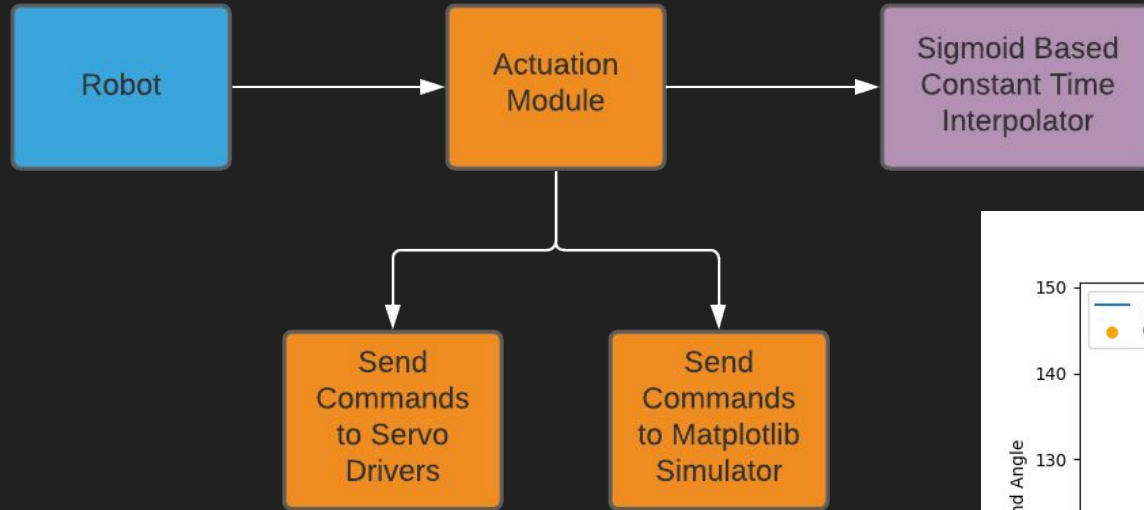


Autonomous

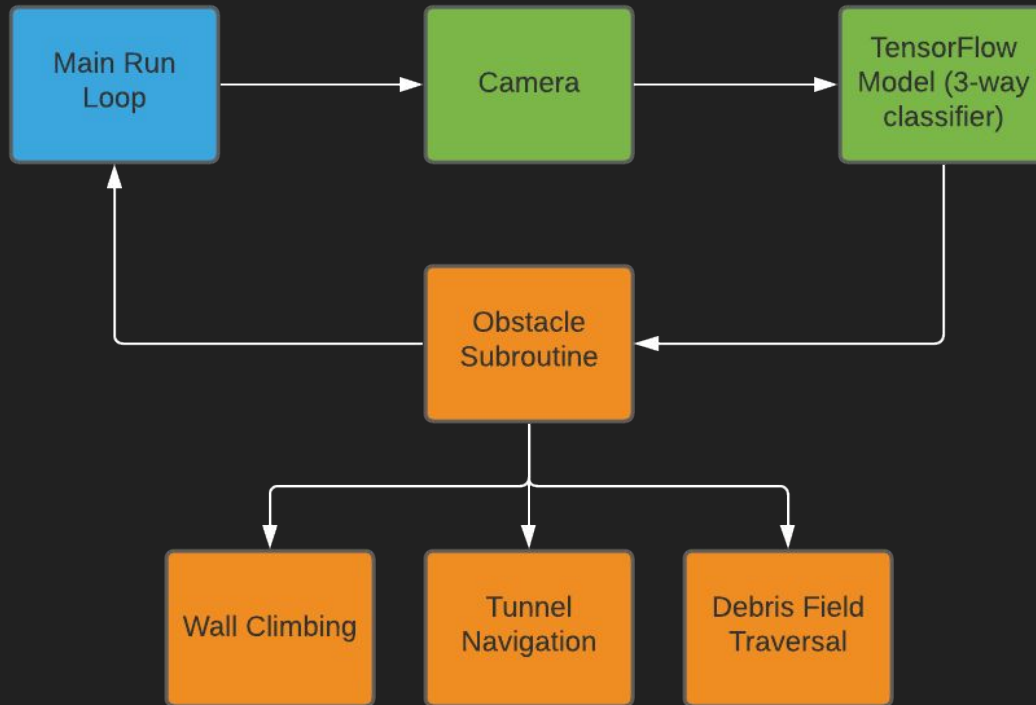
# Programming: Camera Streaming



# Programming: Walking Gait



# Programming: Autonomous







*thank you*