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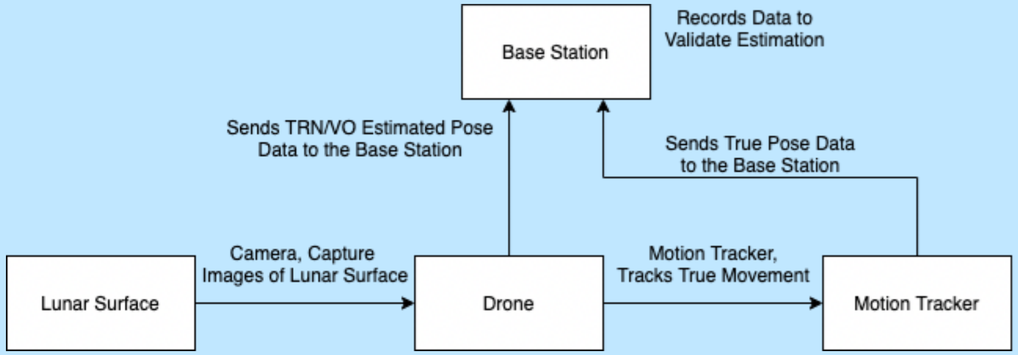
# Hardware Verification of Lunar Terrain Relative Navigation

Sam Christensen
*Utah State University*, samochristensen@gmail.com

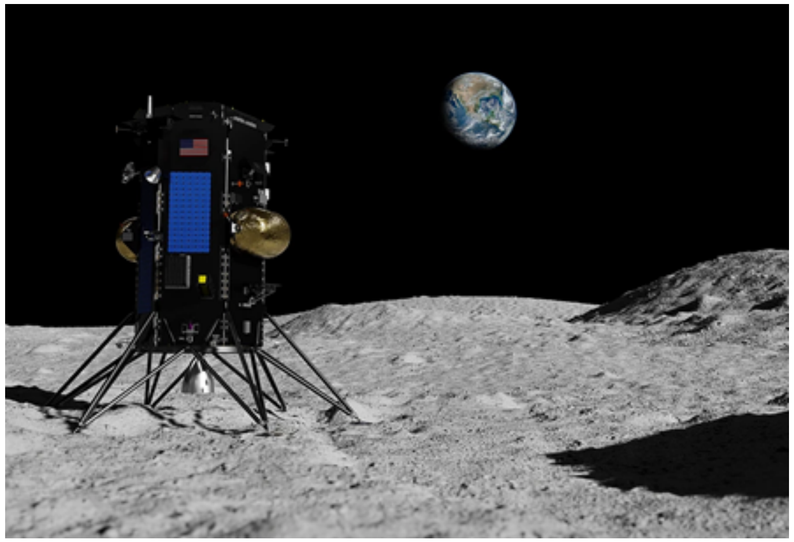
# Hardware Verification of Lunar Terrain Relative Navigation (TRN)

## Hardware Verification Platform




## Accomplishments

- Converted True Texture Maps to CNC Routed MDF Board
- Drone Performs Steady Flight Over Terrain Map
- Data Recorded On Realsense Lidar, Offboard



## Future Work

- Record Realsense Lidar Images during Flight
- Using TRN techniques Offboard, Process Recorded Images and Sensor Data (i.e. IMU, Accelerometer)
- Repeat TRN, Onboard

## Creating “Lunar Tiles”