

Date: November 5th , 2019

Time: 3:30 pm – 6:00 pm

Objectives: Learn to use 3D scanner

Meeting Items:

- Met with Selso, graduate mentor, at ME shop. Instruction to use 3D scanner is give in this lik: http://mindworks.shoutwiki.com/wiki/3D_Scanner
- Could not scan Zen phone and nurugo because of its reflective surface.
- Took images with zen phone. Since zen phone has two cameras the nurugo fits better with the 12 MP camera.
- Took basic measurement of the nurugo using caliper from ME shop.
- Found an open source 3D file of Zen phone. However, it is hard changing this graphic model to 3D solid model.
- Michael will 3D lens parts this Thursday.
- Trouble setting up the Raspberry Pi Zero because of high temperature even after using heat sync.
- Raspberry Pi4 doesn't have a charger. Using Issacs's charger for now. Need to order some accessories for Ras. Pi.
- Parts received: 40x Lens, Acrylic Stage, USB Light, 40x Nikon Achromatic Objective, achromatic condenser, calibration slide.