

# November 19, 2022

## building

### **focus:**

Limit switch

### **summary:**

i got glued one of the limit switch pairs and brainstormed how we could attach it. we could either use two really long screws and attach on the other side with a t nut, or drill and screw in one nut then hot glue. or something else! (11/26 Update: Or we could CAD and 3D print something)

### **challenges:**

Hard to figure out how to attach it, b/c there's multiple ways to do it!

### **next steps:**

Attach limit switch to cascade lift

## coding

### **focus:**

TestAuton draft

### **summary:**

Wrote pseudocode for two different autonomous (up until capping the high junction, not returning to park). Wrote initializations in auton draft. Fixed some GitHub errors. Began writing autonomous

### **challenges:**

Can't continue writing auton until driving stuff is figured out

### **next steps:**

Figure out the rest of the auton pseudocode, and include the driving code in the draft

### **focus:**

arm code

### **summary:**

we worked on the arm code and implementing encoders and specific level that we can use for auton and also tele OP

### **challenges:**

there were a lot of null pointer exceptions that we had to work through

### **next steps:**

actually run the code and find the measurements and what the position values look like