

First Two Weeks

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Research Experience for Undergrads

07/04/2024

NEXT GEN

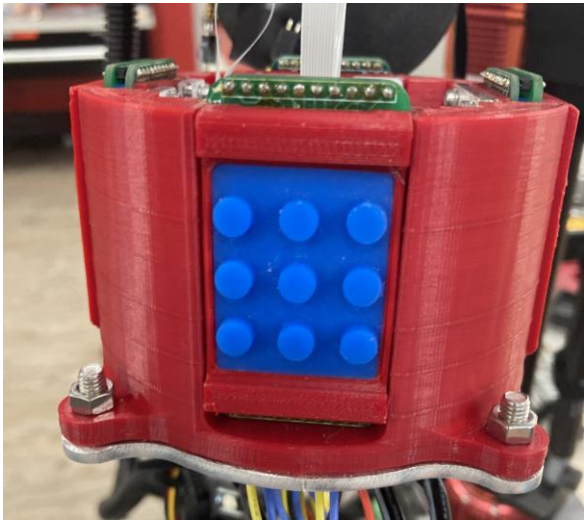
S Y S T E M S

Background & Goals

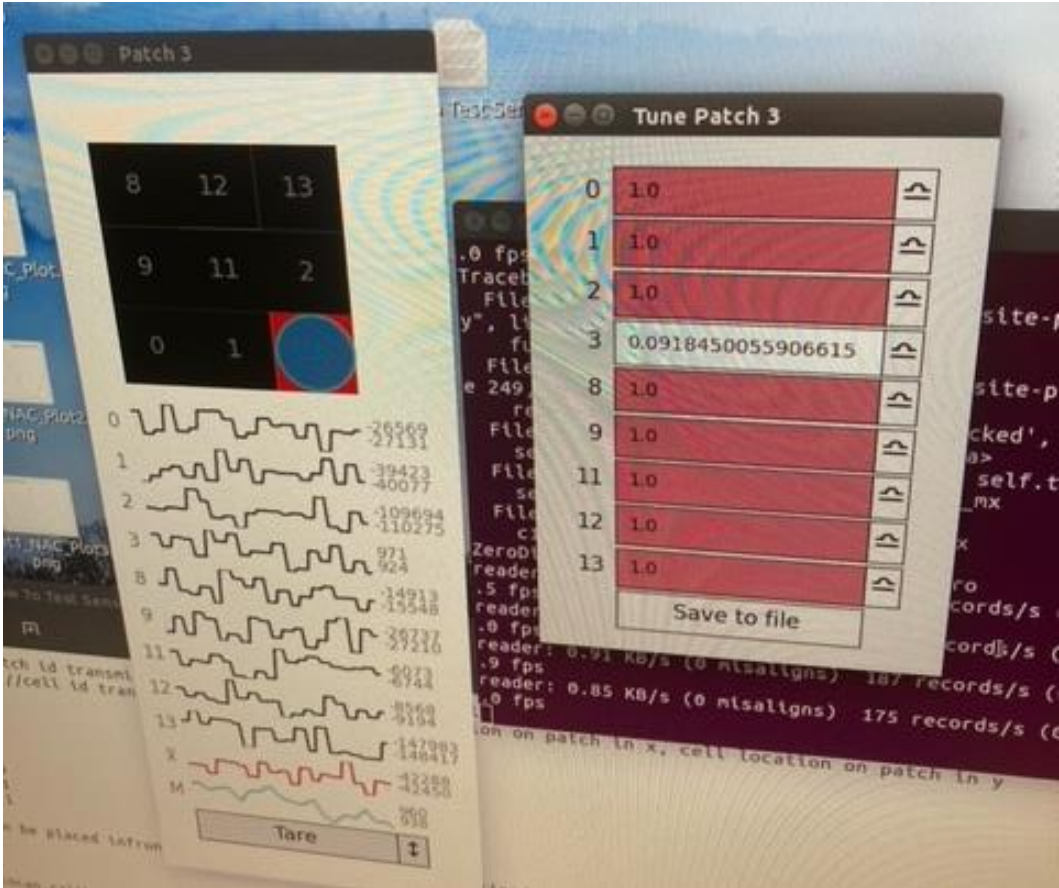
- ❑ Mentor: Jordan Dowdy
- ❑ OctoCan:
 - ❑ Intuitive, reliable, and safe physical human-robot interaction requires tactile information for the robot
- ❑ Summer Goals:
 - ❑ 1. Patch (Sensor) Testing
 - ❑ 2. Mount Design with CAD
 - ❑ 3. Subject Testing



Sensor Testing



Patch 5 at the front
(Patch 3 is at the left side)

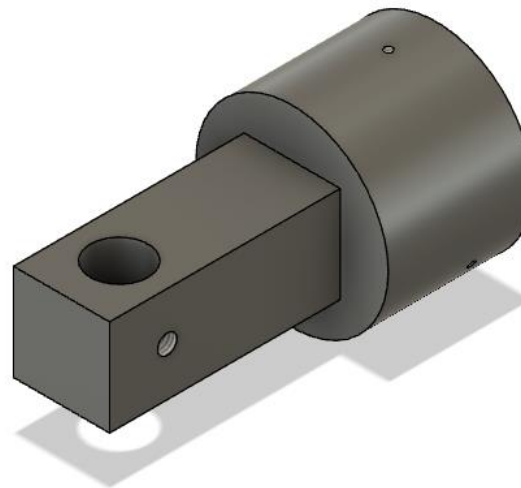


Patch 3 was being tested ->

Mount Design with CAD



This is where to install the mount



The original CAD design



Printed out

Gantt Chart

	Project Start Date	Project End Date	Today's Date
	6/20/24	8/11/24	7/3/24
Task Description	Start Date	End Date	% complete
Mount Design with CAD & Printing	6/26/24	7/8/24	90
Sensor Testing	6/20/24	7/17/24	25
Subject Testing: Trace the robot arm	7/17/24	8/11/24	0

