

Progress Report 5

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Subsystem: Coding

Date Of Submission: 10/01/2020

Reporting Progress from 4/01/2020 to 10/01/2020

Progress in C/C++

- STL (Basics)
 - Vectors
 - Sets
 - Maps

Progress in Arduino(IDE)

- Learned about stepper motors
- Learned about servo motors
- Learned holonomic motion and differential drive

Progress in Arduino(Hardware)

- I tried using a stepper motor with an Arduino I didn't have it's driver so couldn't do that
- Successfully connected the servo motor with my Arduino and ran some basic codes

Progress on other fronts

- Completed the Arduino course on Coursera
- Algorithm toolbox course on Coursera still in progress
- Completed the Autodesk Fusion 360 course on Coursera (IEmechatronics mechanical task but still counts)

Issues Faced

- Multiple clubs are becoming really overwhelming for me but it feels good to be learning so much so quickly