**July 2 - Check-In #2**

**Today’s Demos**

1. Coin Sorter

<https://youtu.be/jwagDrpKsj8>

1. Conducting Baton

<https://youtu.be/iC-otkAHKOw>

1. Color Sorter (now fully autonomous)

<https://youtu.be/8a33mOH7P28>

1. Secret Digits

<https://youtu.be/vim3bvOF4h8>

1. Morse Code

<https://youtu.be/qxDgALSPM18>

1. Rotary Phone

<https://youtu.be/QuoizXuzYUw>

1. TeachableMachine

<https://youtu.be/S3mxa-57tX4>

1. Smart Drag Racer / ABS

<https://www.youtube.com/watch?v=r_zjYcx-QI0>

1. Self-balancing Robot

<https://www.youtube.com/watch?v=Wbsr8Pp1JB8>

**Earlier Demos**

Durometer (now with PC graph!)

<https://www.youtube.com/watch?v=1AZCU9MpN6o>

Driving Dynamics via Reinforcement Learning

<https://youtu.be/ismXOR-7eRI>

Driving Dynamics via linear regression

<https://youtu.be/YKQu0IrNn0s>

Color recognition with RGB values

<https://youtu.be/yP5Mc64BRGQ>