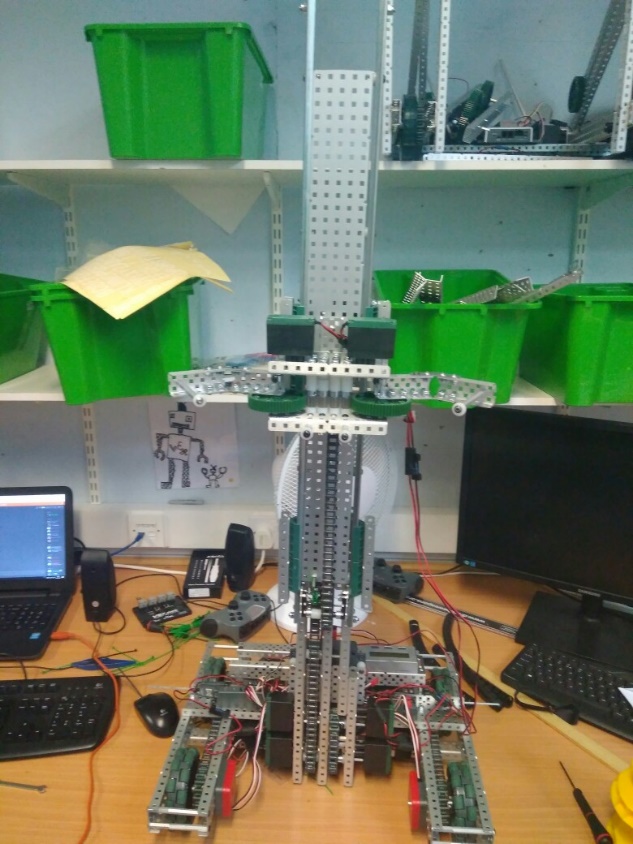
Robot v1.24



**Specification:**

* 6 Motor HS drive
* 2 drive chains
* 4 wheels
* Aluminium structure
* 4 motor lift
* 3 stage lift
* 2 motor claw

**Dimensions:**

* 17.5” x 15” x 17.5” when not extended

**Overview:**

For this version of the robot we have remounted the claw. We also managed to fix the problem with the robot being slanted by loosening then tightening all the screws holding the lift in place. We have found that when the robot starts to lift heavier weights the main chain in the lift begins to skip gears. This is a huge problem if we cannot fix it as it basically invalidates the main idea behind the design; being a multi-role robot able to lift mobile goals in addition to cones on the same lift. As well as fixing that problem we also need do some cable management and plug the shaft encoders in.

Logged by Felix Black

18/07/2017 – 16:12

**Future Changes:**

* Plug in shaft encoders
* Fix chain skipping problem
* Cable management

**Changes Made:**

* Mounted claw
* Straightened lift mechanism