

Reflection Paper for Brooks Crossing Innovation Lab

My first 50 hours at Brooks Crossing Innovation lab consisted of learning machines such as laser engraver, 3D printing, Micro bit Controllers, and more. I also helped run numerous education events teach children about coding and technology. Notable projects would be creating a reaction test game on a micro bit controller and other games. I also coded a robot car to drive forward when detecting enough light and a radio game where kids press a button to display a message on another kid's controller. I dabbled in the studio room figuring out how to use Ableton Live and set up the Microphones to work. I am now working on a coding project so Highschoolers can learn about STEM and cybersecurity to raise awareness of those fields. I also assembled a couple of 3D printer and it was great working with such expensive machinery that I wouldn't be able to otherwise. I've met many people including Mechola who loves to code and build projects such as a motion detecting door and a robot car that auto detects obstacles and changes direction. So far, I've learned a lot at this internship and it has been a great opportunity to learn and teach.