

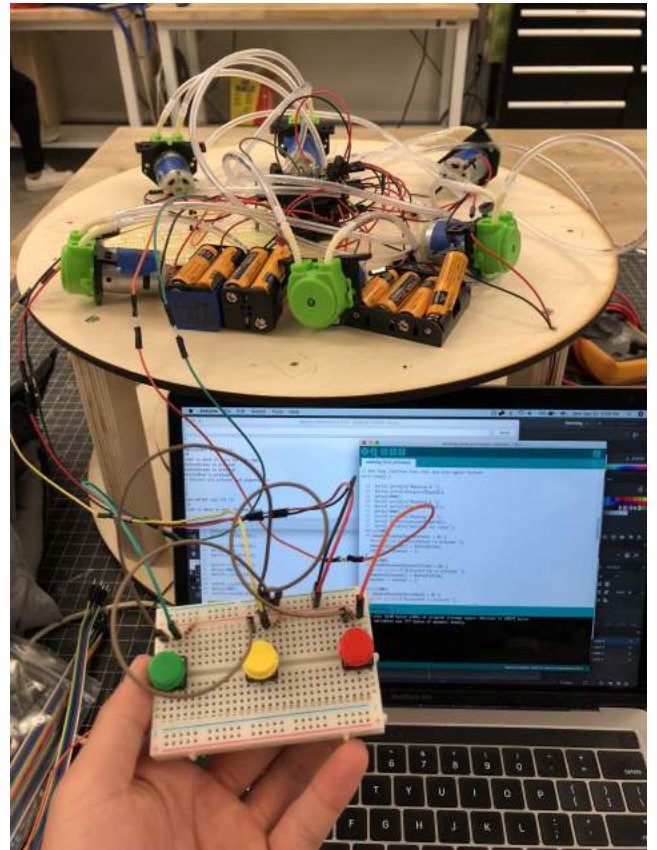
MIX.A.BOT

WHAT IS IT?

Our project is a robotic drink mixer/maker that is the culmination of all the programming and electronic hardware knowledge we learned in Design Innovation 23.

HOW DO YOU USE IT?

Visitors can press a sequence of 3 different buttons that leads to the creation of a special drink from the menu selection. This project exemplifies the core nature of Jacob's Hall through the collaboration of diverse students, each with their own talents and skills, working together to create a product together. We went through our own design process, filled with sketches of our initial ideas and later with our more developed prototypes powered by our Arduino.



REFLECTION

As a team we each embraced our own strengths in design, engineering, and art that will further empower us as creators and problem solvers in this world. To create our robot we had to laser cut, 3D print, code, make circuits, solder, and lastly tinker and mess around with random things. Throughout our design process we kept our users in mind and ended up creating an interactive robot that allows users to create personalized drinks for themselves. We hope you enjoy the drinks, and more importantly our product and design process.