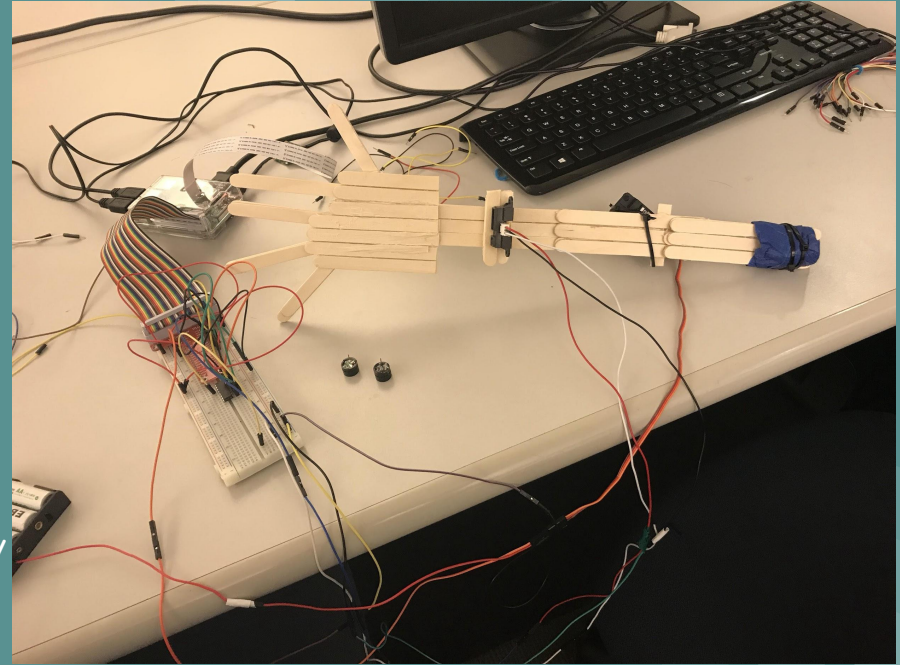


—HandShake Bot—

Come and get a handshake from Bot-Bot!

Designed to give the SPIS closing ceremony visitors a warm welcome!





Technicalities

Minimum Viable Product (M.V.P):

- A robot that shakes someone's hand when prompted.

Hardware:

- Infrared sensor
- Analog sensor
- 180 degree servo

Language:

- Python under Unix (flavor of Linux)
 - Idle3

Libraries:

- GPIO
- Time
- Adafruit_MCP3008

Technical Challenges:

- Infrared Inconsistency with MFSM
- Confusing Wiring
- Excessive Stress on Servo
- Finite State Machine Code