

# Hardware and Software List

## Software

- Python
- Git
- Administrative privileges to a router
- Raspberry Pi Operating System
- XAMPP package
- Slack account
- MotionPie
- SSH (or putty) and SFTP (or filezilla)
- MusicBox software
- Alexa software
- Amazon account
- Initial State account
- Amazon app (iOS)
- Ubi app (android)

## Hardware

- Raspberry Pi Zero W
- Power with output  $V=2.5A$
- USBhub, keyboard, mouse
- SD Card over 16GB space
- DC Motor and wheels
- Motor encoders
- Arduino microcontroller
- Motor shield
- Servo
- Ultrasonic distance sensor
- Bluetooth
- Breadboard
- Battery
- IMU
- Soldering Station
- Multimeter
- DHT Sensor
- Raspberry Pi Camera module
- Bluetooth headset or speakers
- Button and Resistors
- Sense HAT module