

BlueStamp Engineering

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Location: Palo Alto

Instructor: Laura

Starter Project: #1, Minty Boost

Main Project: #327: IoT Door Lock

<http://www.slickstreamer.info/2013/12/electric-imp-automatic-door-lock.html>

<http://bluestampengineering.com/student-projects/will-a/>

<https://www.hackster.io/hackershack/smartphone-connected-home-door-lock-69944f>

Major Steps to complete the project:

1. Connecting & Moving the servo with the Raspberry Pi
2. Physically connecting the servo to the door lock.
3. Moving the door lock with the Raspberry pi
4. Controlling the door lock with an app
5. Requiring fingerprint authentication to use the app

Potential Modifications:

1. Add Log of Opening and Closing
2. Add sharing with other people