

## **Project Proposal:**

### **Define problem you intend to solve:**

I recently purchased an echo dot and don't really use it much besides for music.

### **Description on how you intend to solve it:**

I want to make Alexa useful in a cheap way by controlling my room light.

### **List all modules/technologies you plan to use:**

- **Using Alexa Skill Set**
  - Design a voice user interface (in spanish)
  - Build and host code
  - Submit the skill to amazon
  - Using alexa-app node.js
- **Using Tessel (which I have never used before)**
  - Motor moving like a finger or heavy duty relay (if there is enough time both to make an additional switch to the heater)
- **Plot the light behavior per day, week, month**

## **Individual Project**

Project Name: DIY light-control with echo interface