

Clairvoyant Cloud

An Indoor IOT Swag Lamp || Jon Gillespie



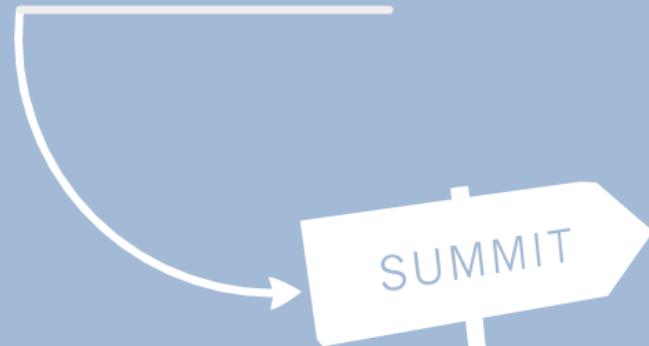
Clairvoyant Cloud

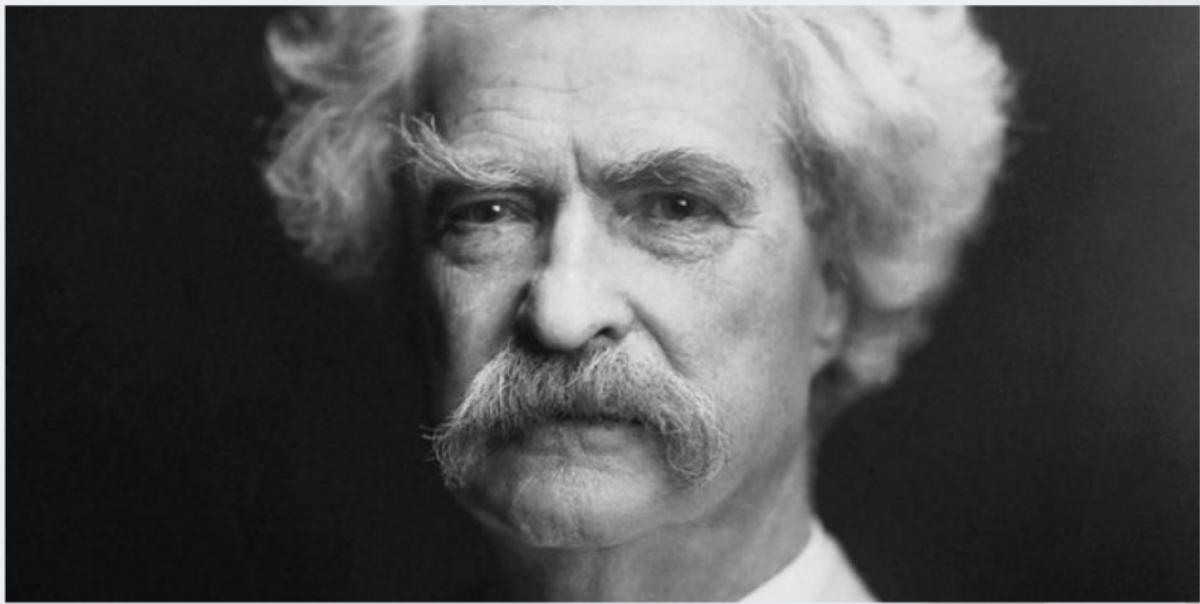
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The Scoop.

- The Idea
- What is the Clairvoyant Cloud?
- Project Requirements
- Progress Made
- Upcoming Milestones
- Ultimate Goal...





“There is no such thing as a new idea. It is impossible. We simply take a lot of old ideas and put them into a sort of mental kaleidoscope. We give them a turn and they make new and curious combinations. We keep on turning and making new combinations indefinitely; but they are the same old pieces of colored glass that have been in use through all the ages.”

- Mark Twain

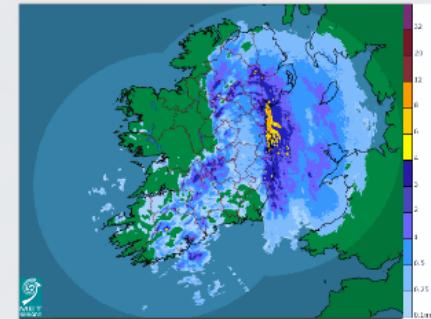
Richard Clarkson



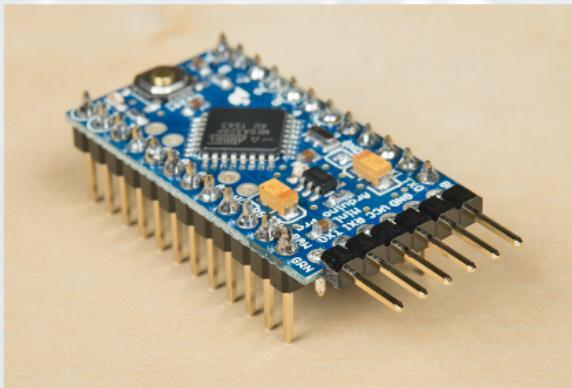
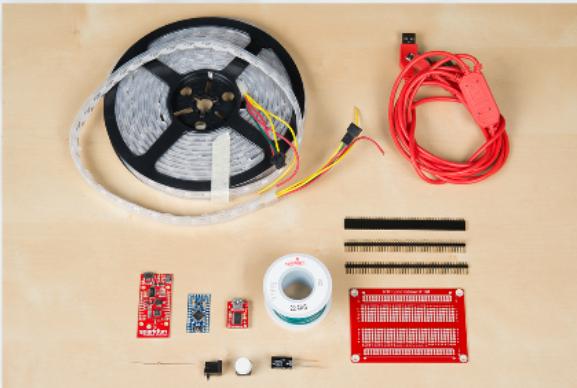
What is the Clairvoyant Cloud?



- WIFI Connected
- Fed by Open Weather Data
- Controllable via Smart Phone App
- Extra Features
 - Sunrise & Sunset
 - Party Party, Party Time.

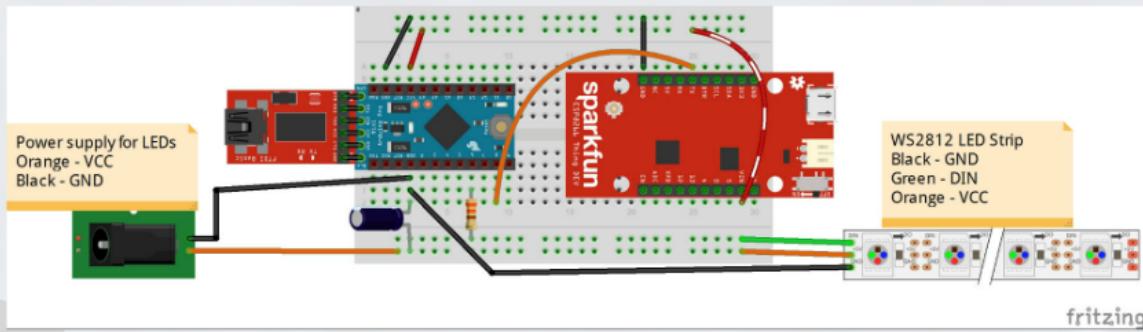


Requirements



- Solderable Breadboard
- Capacitor (1000microF)
- Resistor (330ohm)
- Barrel Jack
- Break Away Headers
- Addressable RGB LED Strips
- Arduino Pro Mini
- Wifi Enabled Microcontroller

Progress Made



- Soldered All Parts (less Breadboard)
- Begun to code in Arduino IDE
 - Challenge - LED Communication...

Next Milestones

- LED Functioning (Basic)
 - Today!
- Code Hack - Open Weather Data
 - 31st of March
- Complete Solder and Power Solution
 - 7th of April
- Cloud Arts & Crafts!
 - 14th of April
- Documentation & Code Polish
 - 21st of April
- Extra Features
 - Until hand up... but I'd like it back :p

GOAL!



Recap

- How I got the Idea
- What the Clairvoyant Cloud Is
- Project Requirements
- Progress Made
- Upcoming Milestones
- Ultimate Goal...

Thank you.

Clairvoyant Cloud

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