Cloudy Night

Activating Park Space by Illuminated Interactivity

Nick Kunz
Shuyan Huang
Shiori Osakata
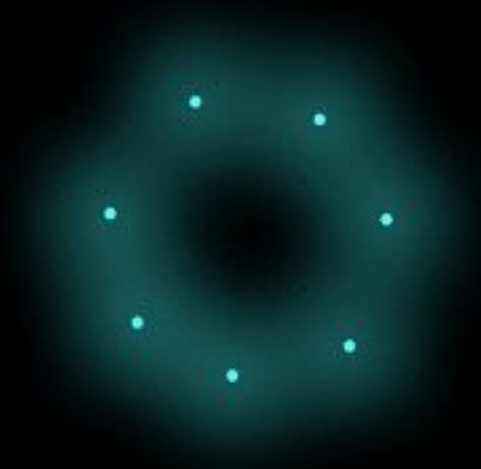
Dr. Anthony Vanky
Urrban Informatics II
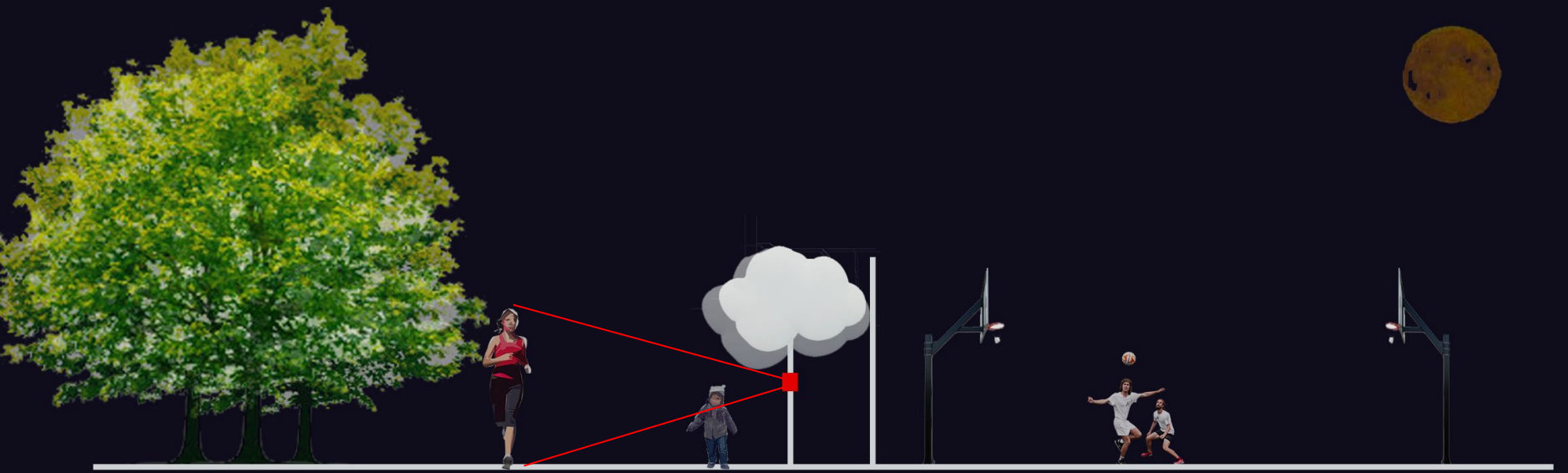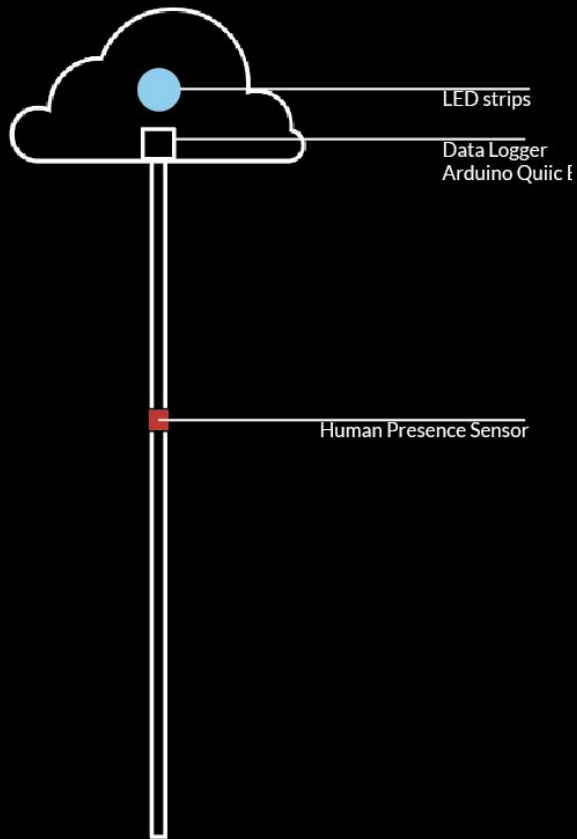Columbia GSAPP

May 2019

Introduction

Interaction

Interaction

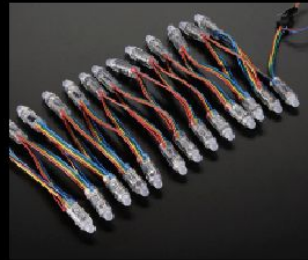# Technology

LED strips

Data Logger
Arduino Quiic E

Human Presence Sensor

Adafruit LED Strip (WSw2801)

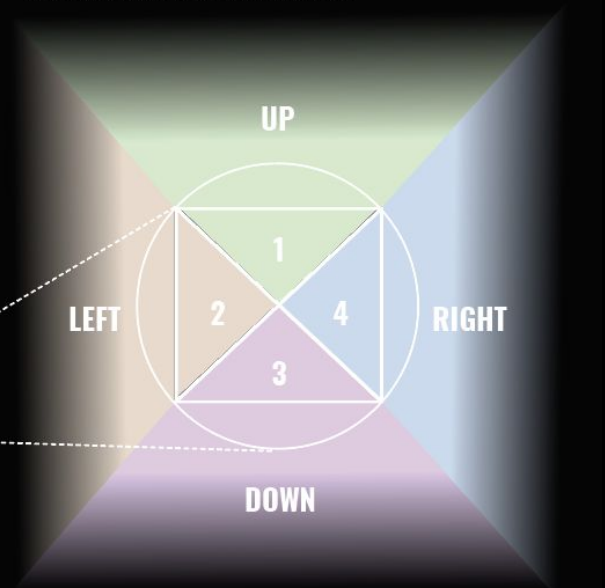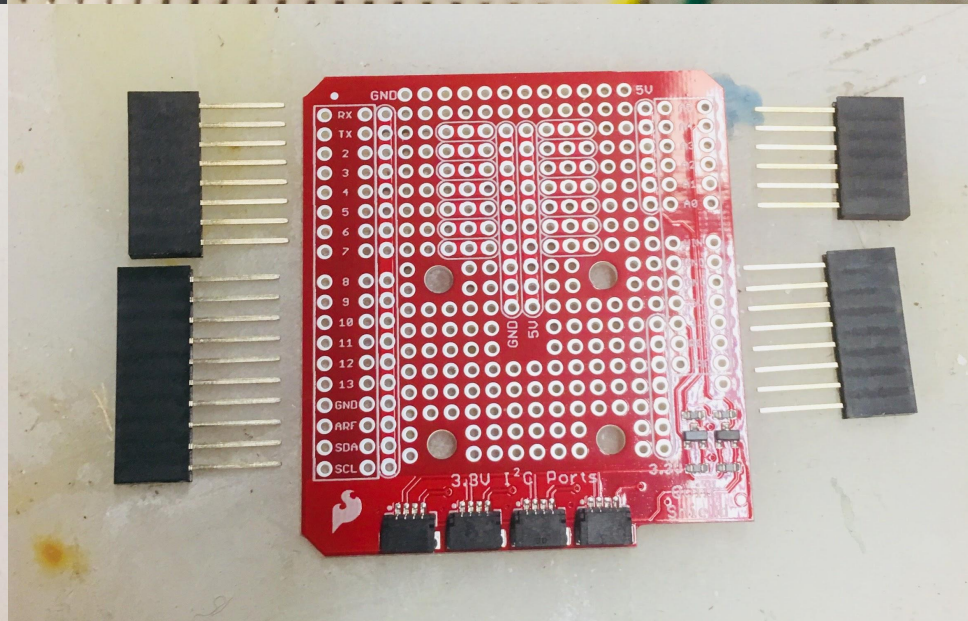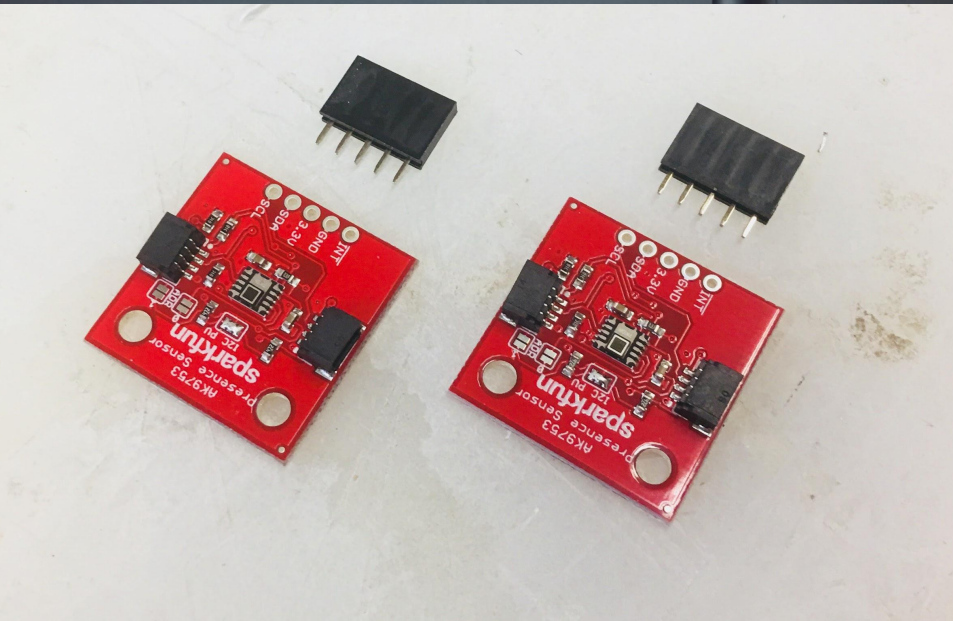Human Presence Sensor (AK9753)

Front of the Human Presence Sensor

Back of the Human Presence Sensor

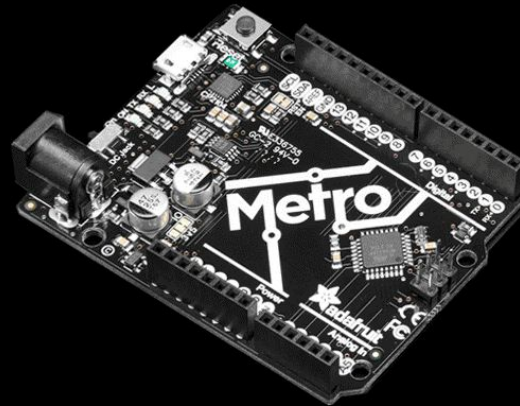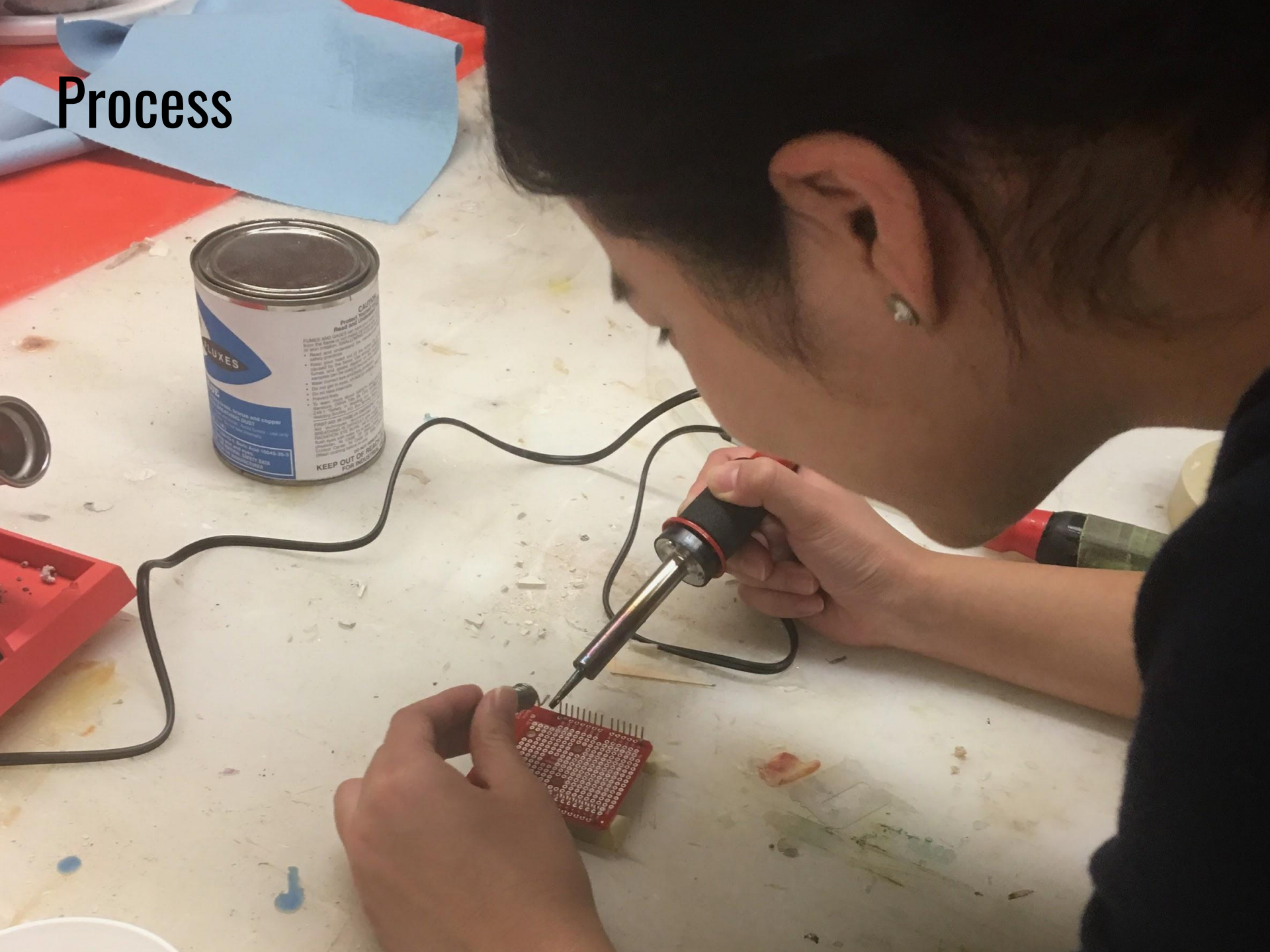The Human Presence Sensor has four infrared sensors sensing people from four different directions.

UP

LEFT

1

2   4

3

RIGHT

DOWN

Technology

Technology
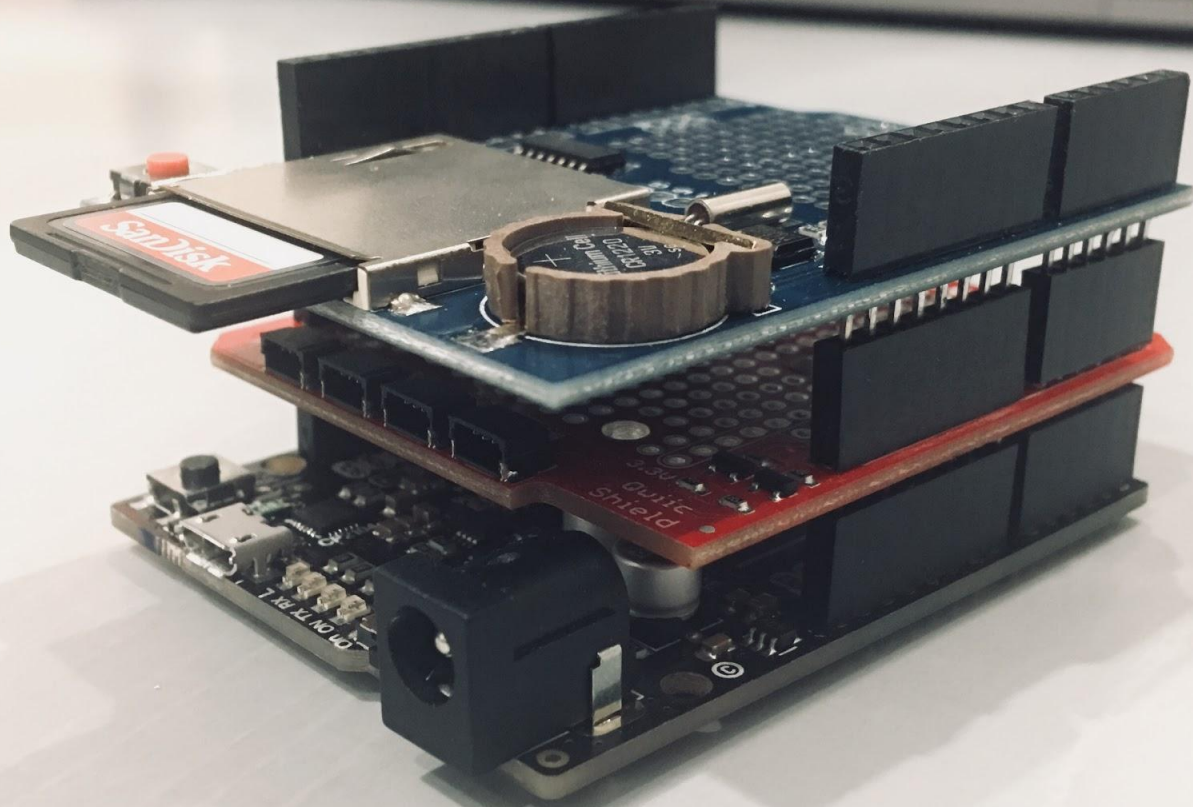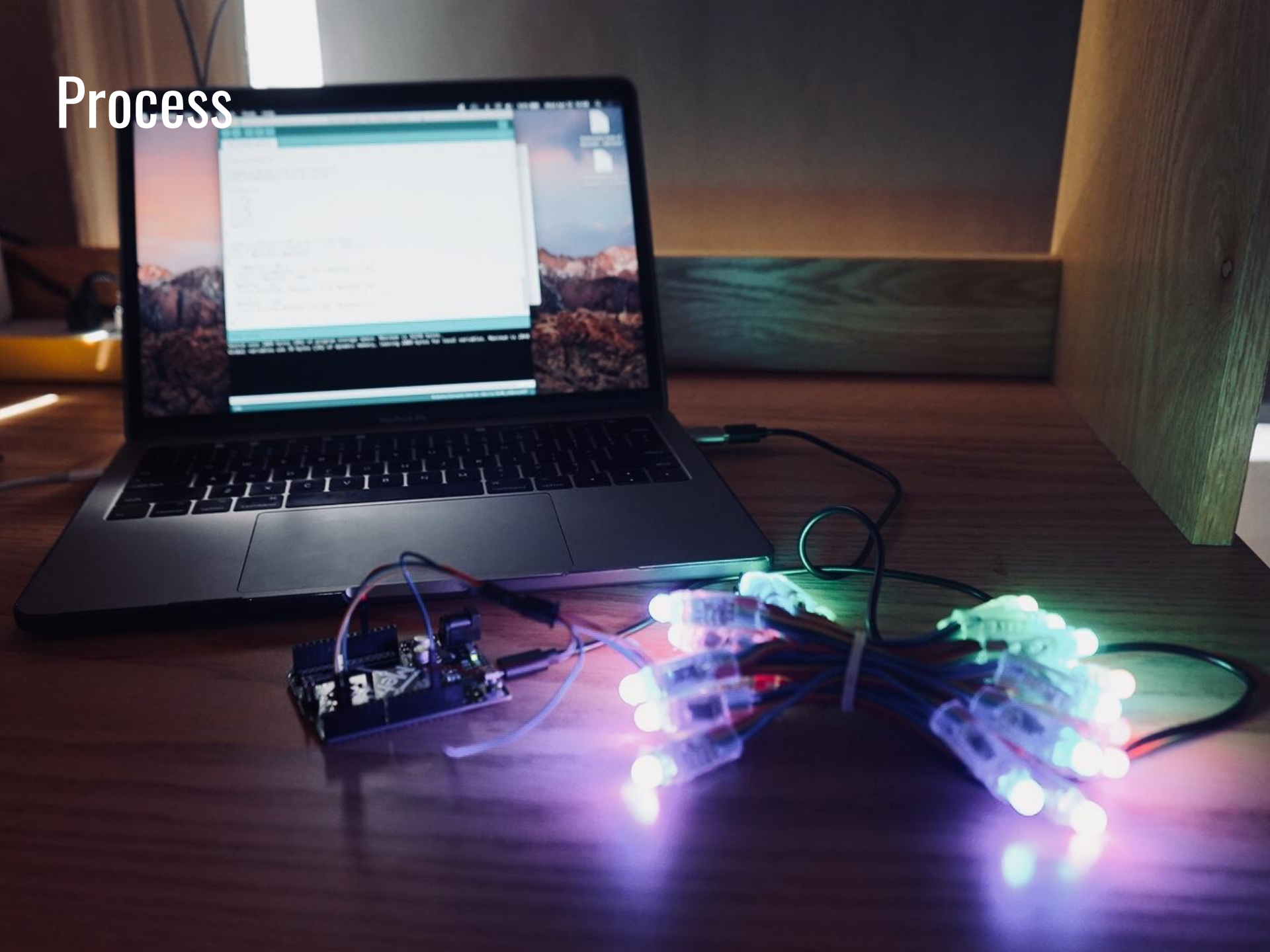
Process

Process

Process

Process

Implementation

Analysis

Average All 4 Sensors

TIME - 3 HOURS (17:15 - 20:15)
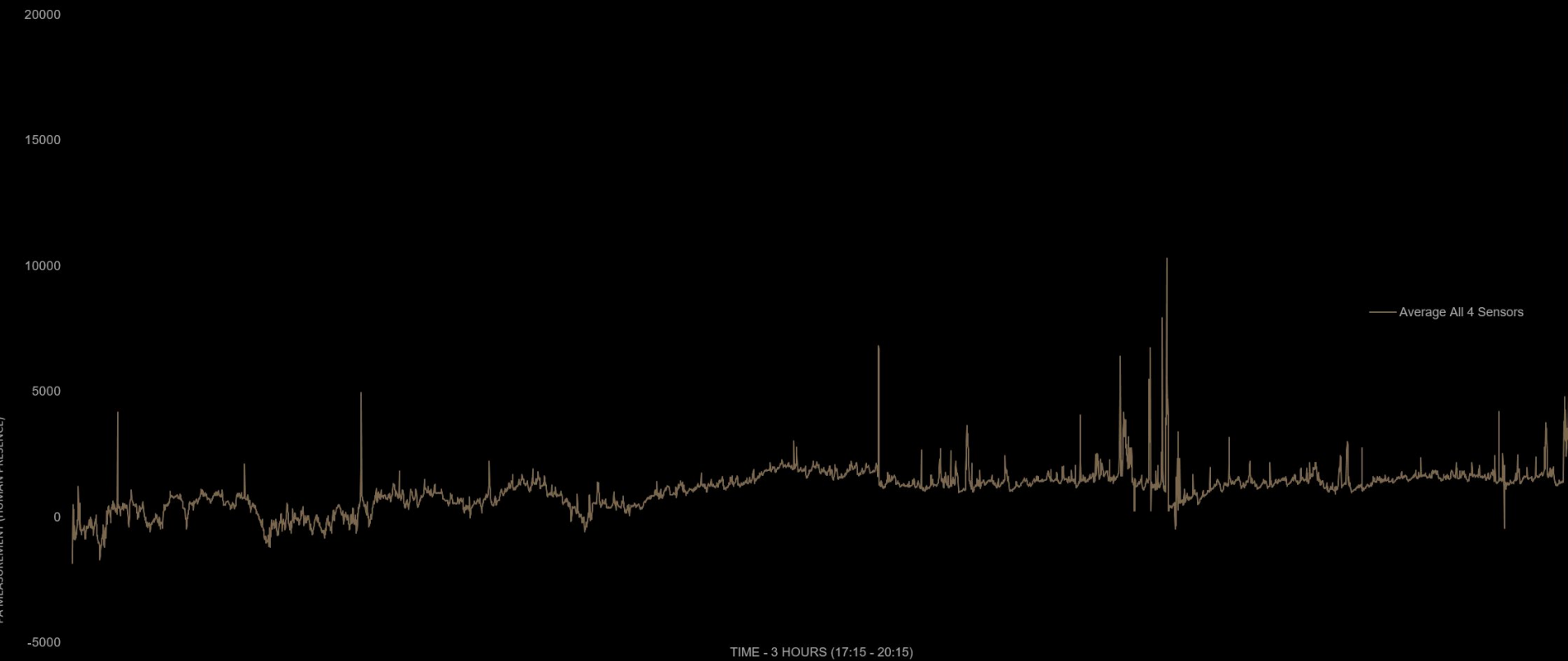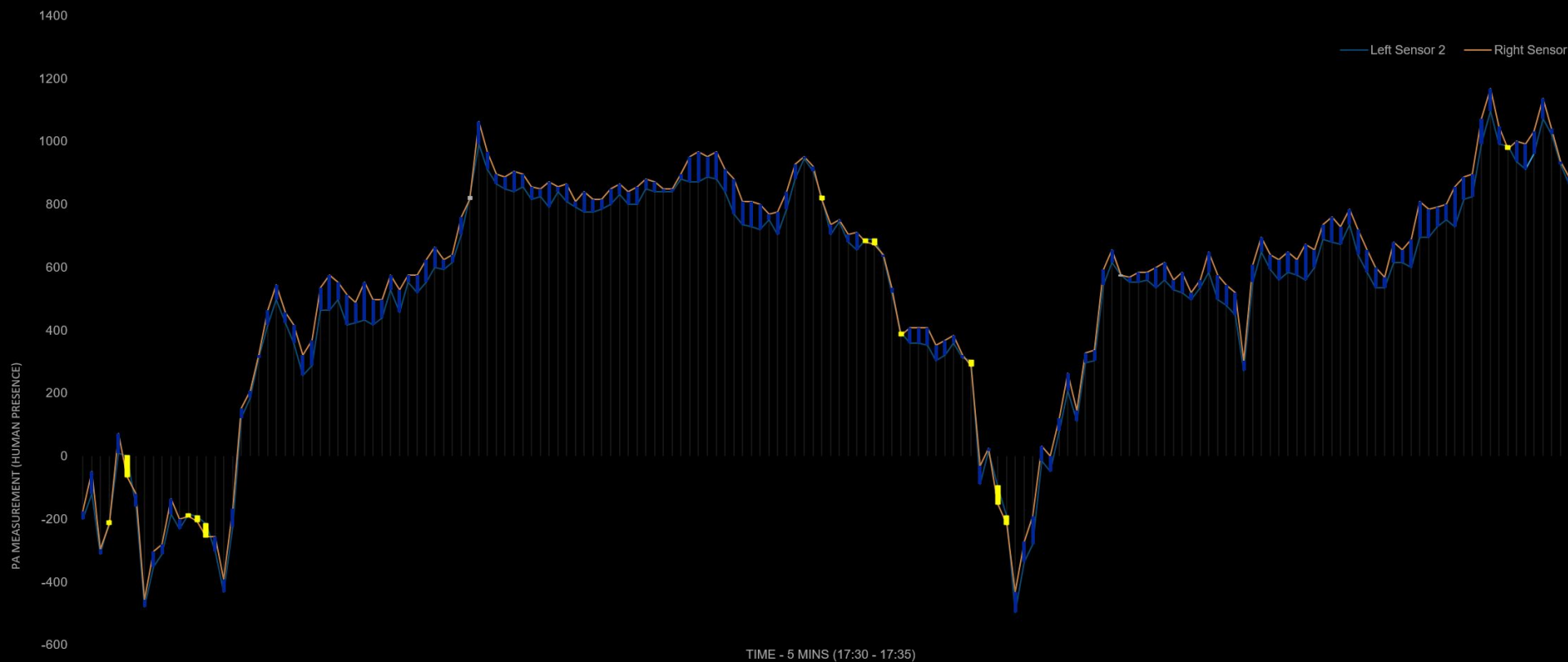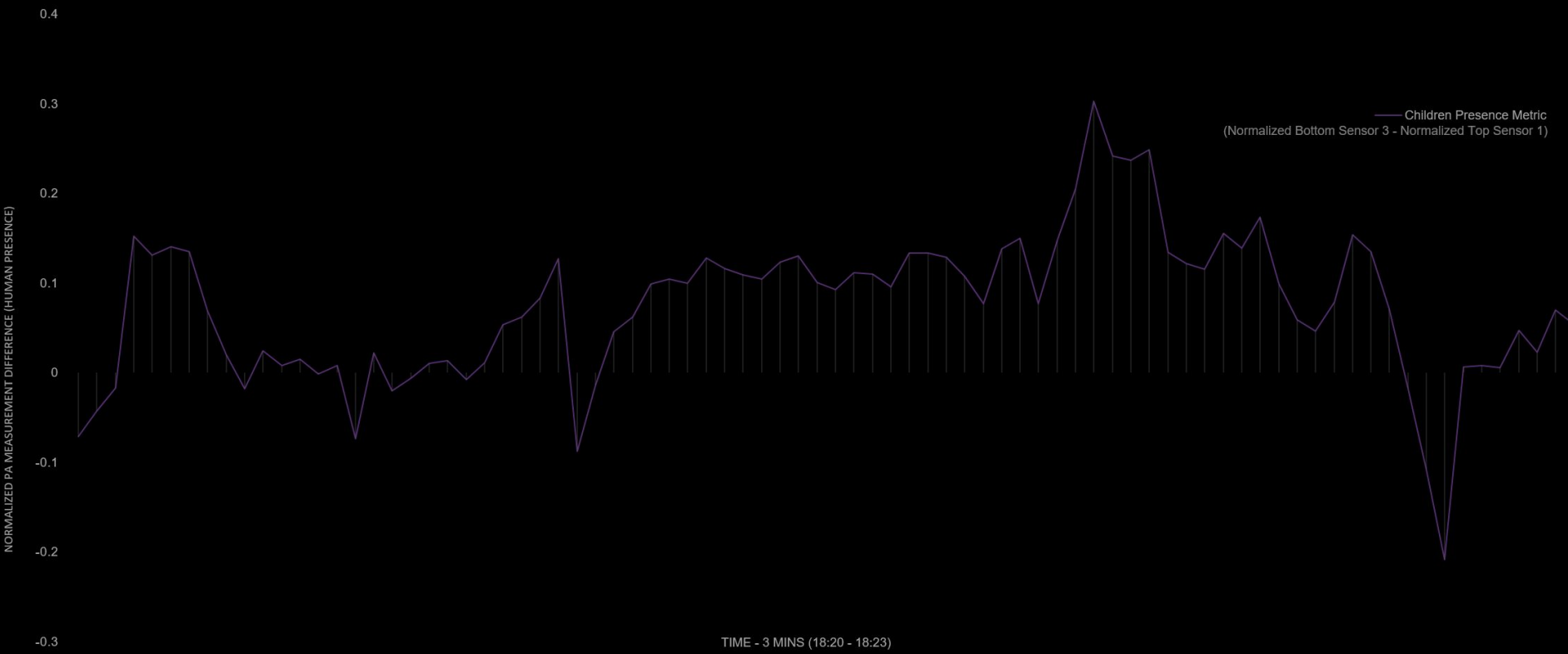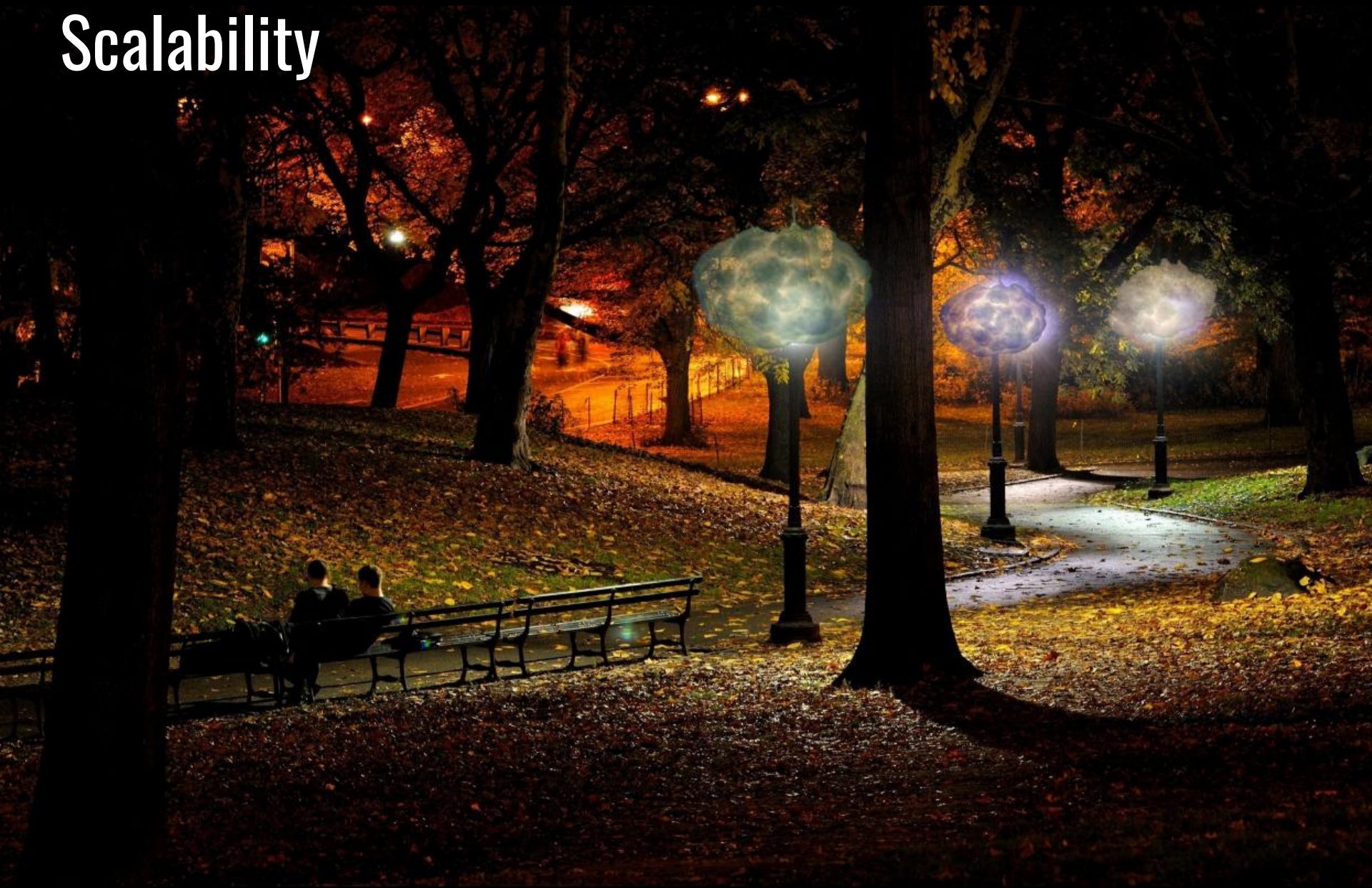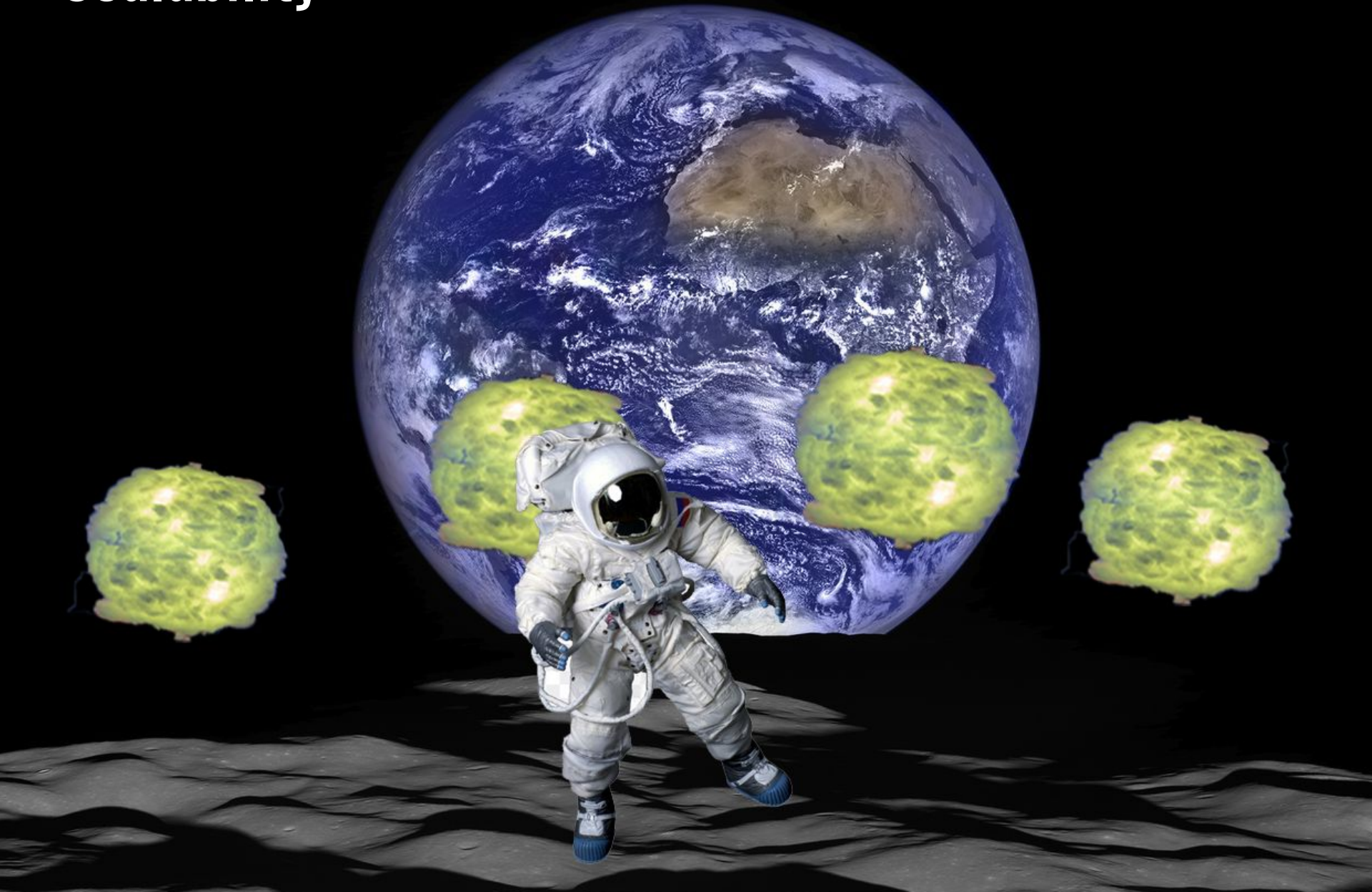
Analysis

Analysis

Scalability

Scalability

Scalability

Conclusion