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## **AIOT: the All-in-1 IoT Educational Tool You Need**

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# AIOT

The All-in-1 IoT Educational Tool You Need.

IoT meets Autonomy

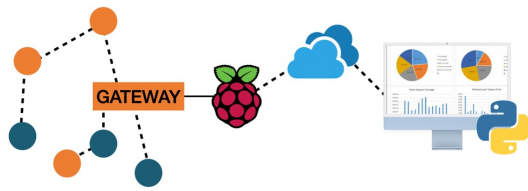
## About me



- Name: Charles THONIER
- Nationality:
- Occupations:
  - Intern in IoT (hardware + firmware)
  - MSc student in AI & Data
- Background:
  - Data analysis in retail
  - Internship in recommendation



## What am I working on?



- Ever dreamt of teaching IoT but lack the accessibility your students need?
- Do you wish your engineer wannabes could access the data of their university's IoT mesh?
- Do your HVAC PhD students need data?

AIOT is all of this and more.

## Abstract

- AIOT is a revolutionary 2 in 1 **educational** IoT turn-key solution based on the **SmartMesh IP** technology allowing users to **program** their own nodes and **monitor metrics** from their everyday lives.

Easy

Super easy and fast to set-up

0

Zero knowledge required in IoT

∞

Infinite possibilities

## User Experience



€

Affordable

24/7

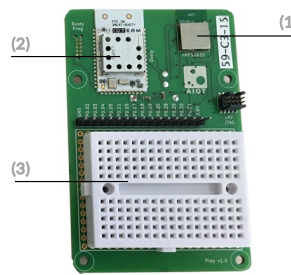
Always ON

10

Up to 10 years of autonomy

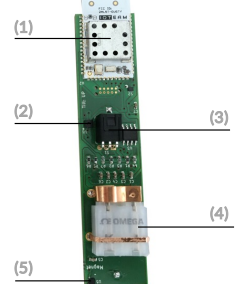
## Gear

### AIOT Play



1. Programmable nRF uC
2. Smartmesh IP uC
3. Breadboard

### AIOT Pico



1. Smartmesh IP uC
2. Temperature & humidity sensor
3. Tilt switch
4. Thermocouple plug
5. Hall effect switch

## Current objectives

- We are halfway through development phase. Hardware design is done, currently working on the firmware.
- Next steps:
  - Developing a data-analysis desktop app
  - Testing the product

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