

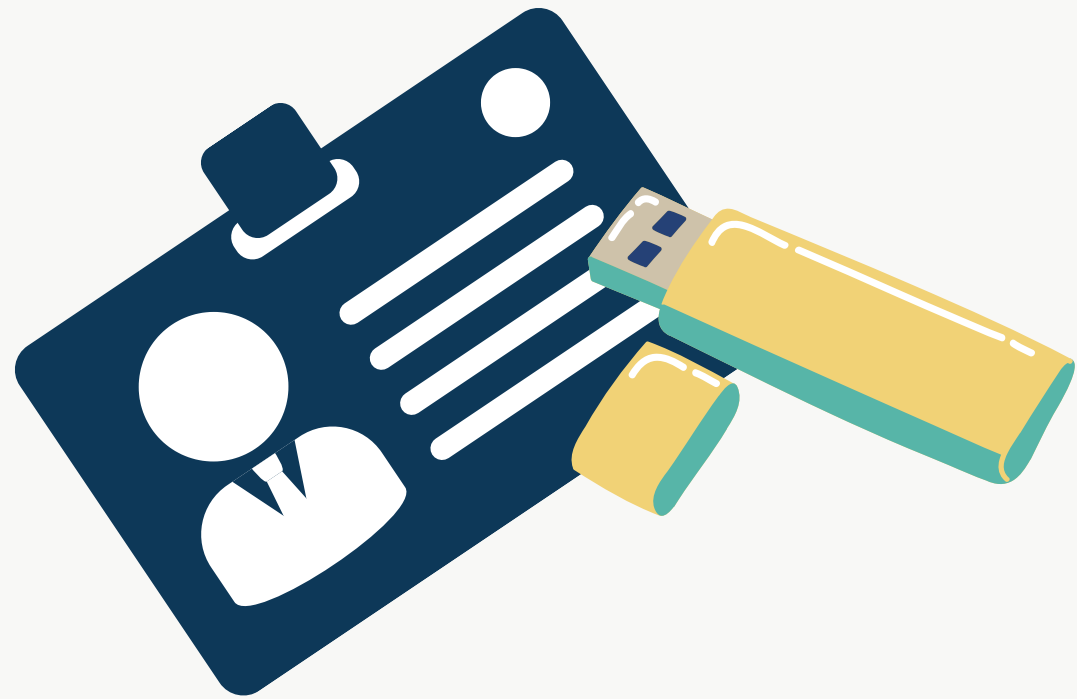


**Oops, look
twice**



Who am I?

- Offensive security and hardware hacking in Telefonica Tech
- Professional education and Master degree teacher of Hardware Hacking and pentesting
- Interferencias co-founder
- Radio in Madrid
- Tattooist



Index

History and context
Physical, phishing, vishing
Gadgets
Being tidy
Conclusion
Questions?

Introduction

UNDERSTANDING THE ENVIRONMENT

Presentations are tools that can be used as reports.

CULTURE

Presentations are tools that can be used as reports.

MARKET SHARE

Presentations are tools that can be used as reports.

Types



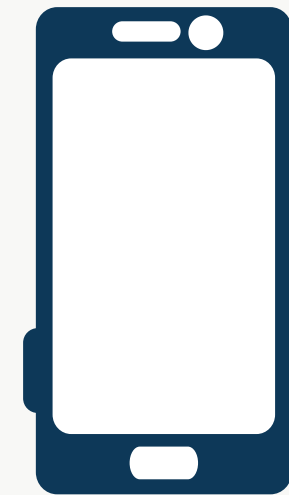
PHYSICAL

Physical intrusion, trying to be someone else for the sake of security.



PHISHING

Using email, phishing campaigns prevent and teach companies.



VISHING

Using phone calls, trying to use your voice and sounds.

Physical social engineering best allies:

- **Gadget&hardware hacking**

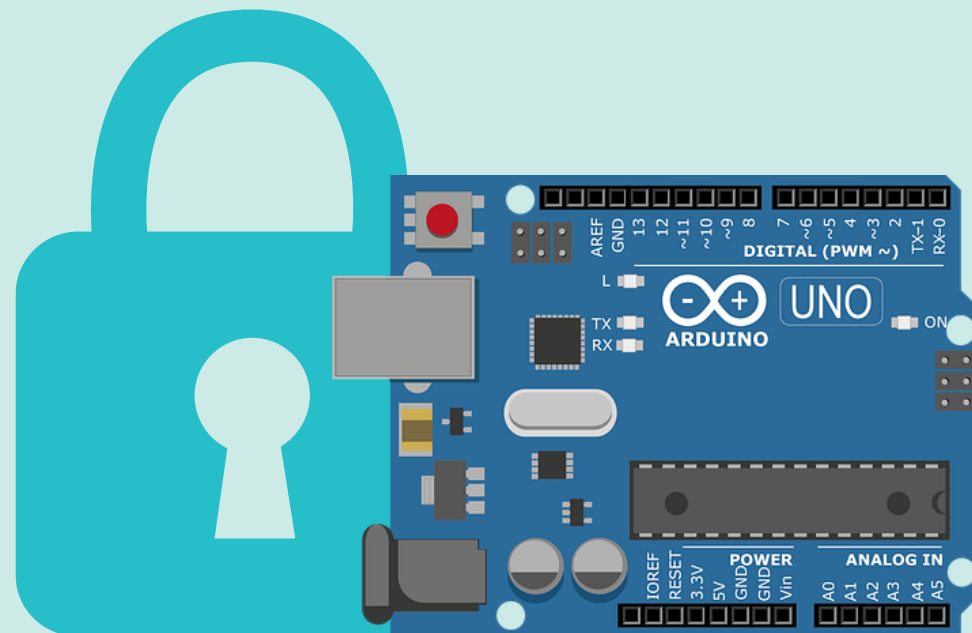
Building, using, adapting devices for your purpose.

- **Distractions**

Understanding the environment and target's context.

- **Lockpicking**

In case of closed doors, locks and other barriers.



Phishing&Vishing

URGENT!

The most urgent the email, the most easy is to fall in the trap.

A BIT OF THIS...

Providing a partly true data will make the target feel more comfortable about trusting the attack.

MAKE IT EASY

Sometimes providing the easy way out a problem, disguise the real purpose of the goal.

Phishing&Vishing

URGENT!

The most urgent the email, the most easy is to fall in the trap.

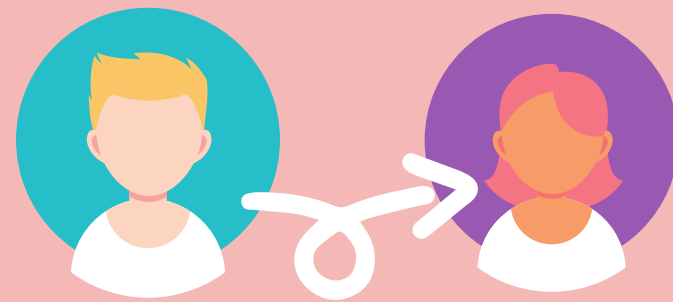
A BIT OF THIS...

Providing a partly true data will make the target feel more comfortable about trusting the attack.

MAKE IT EASY

Sometimes providing the easy way out a problem, disguise the real purpose of the goal.

The desperate junior



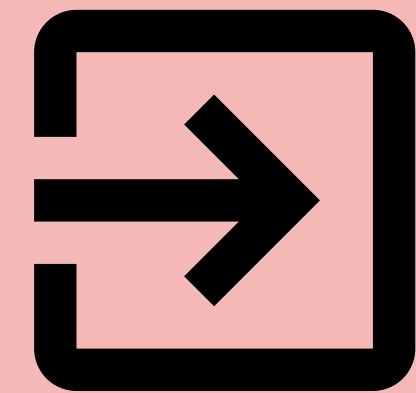
CHOOSING THE WHO AND WHEN

Letting myself be the junior, a junior being the senior and everything on Friday evening.



URGENCY, GIVING INFORMATION

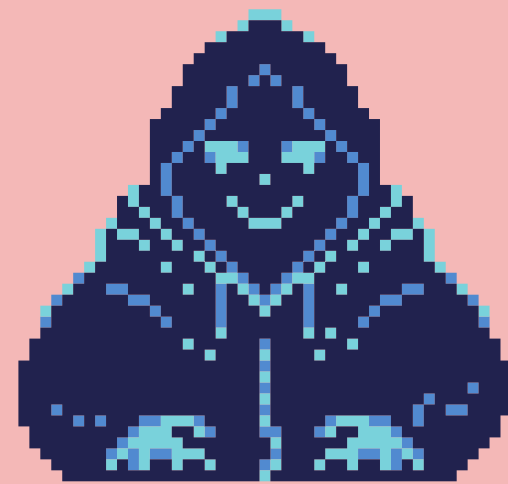
The situation was "very urgent" and some public information disguised as unique.



GIVING THE SOLUTION

"My boss will help" "wait a minute, I think I can handle it" "I will only need some information from your side to confirm"

The hacked account



**WE HAVE BEEN
HACKED!**

Have you noticed weird emails before? we are being hacked!



**DID YOU FAIL? DID
YOU NOT?**

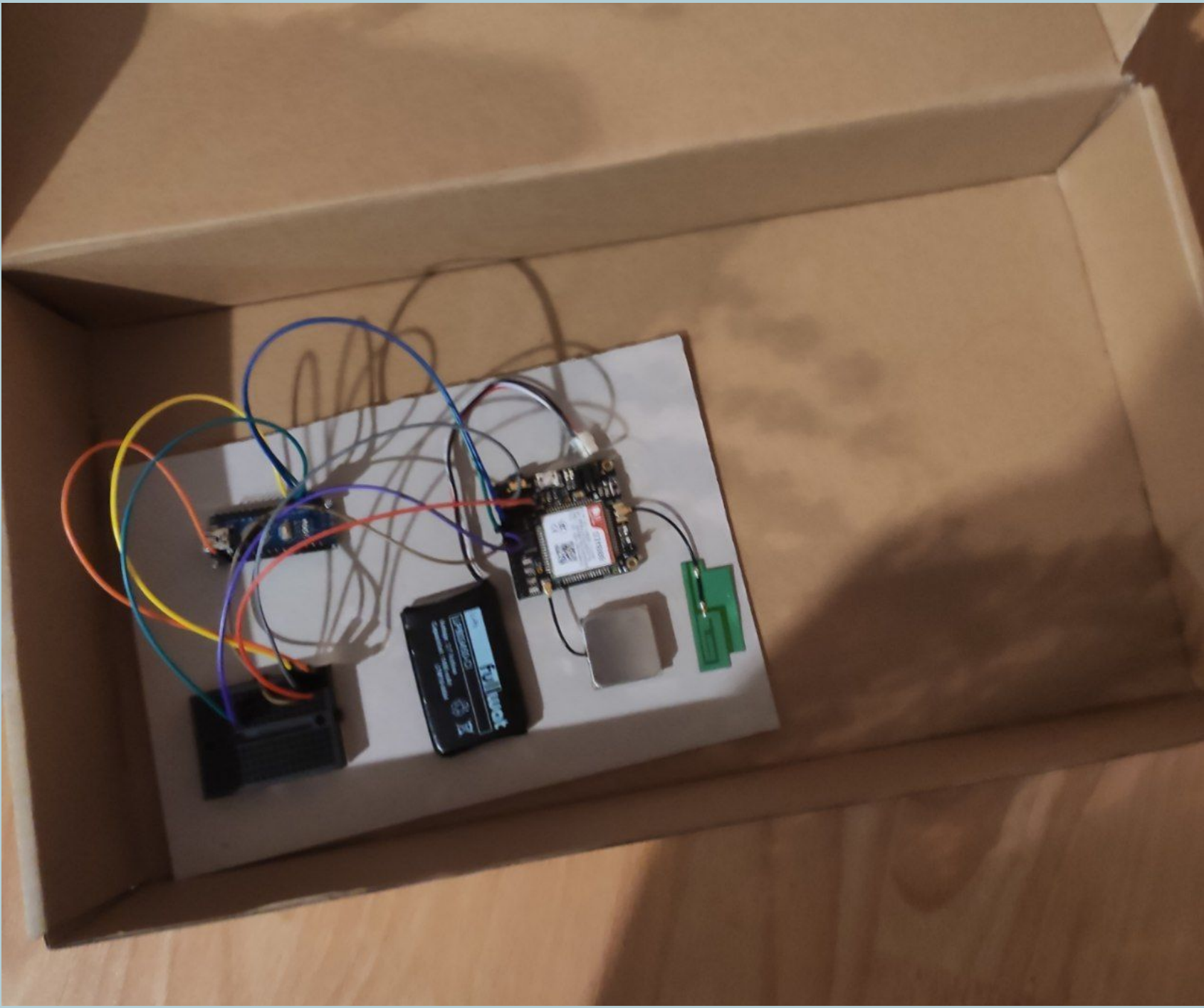
In any case, you can still save the day. Trust me I'm your boss.

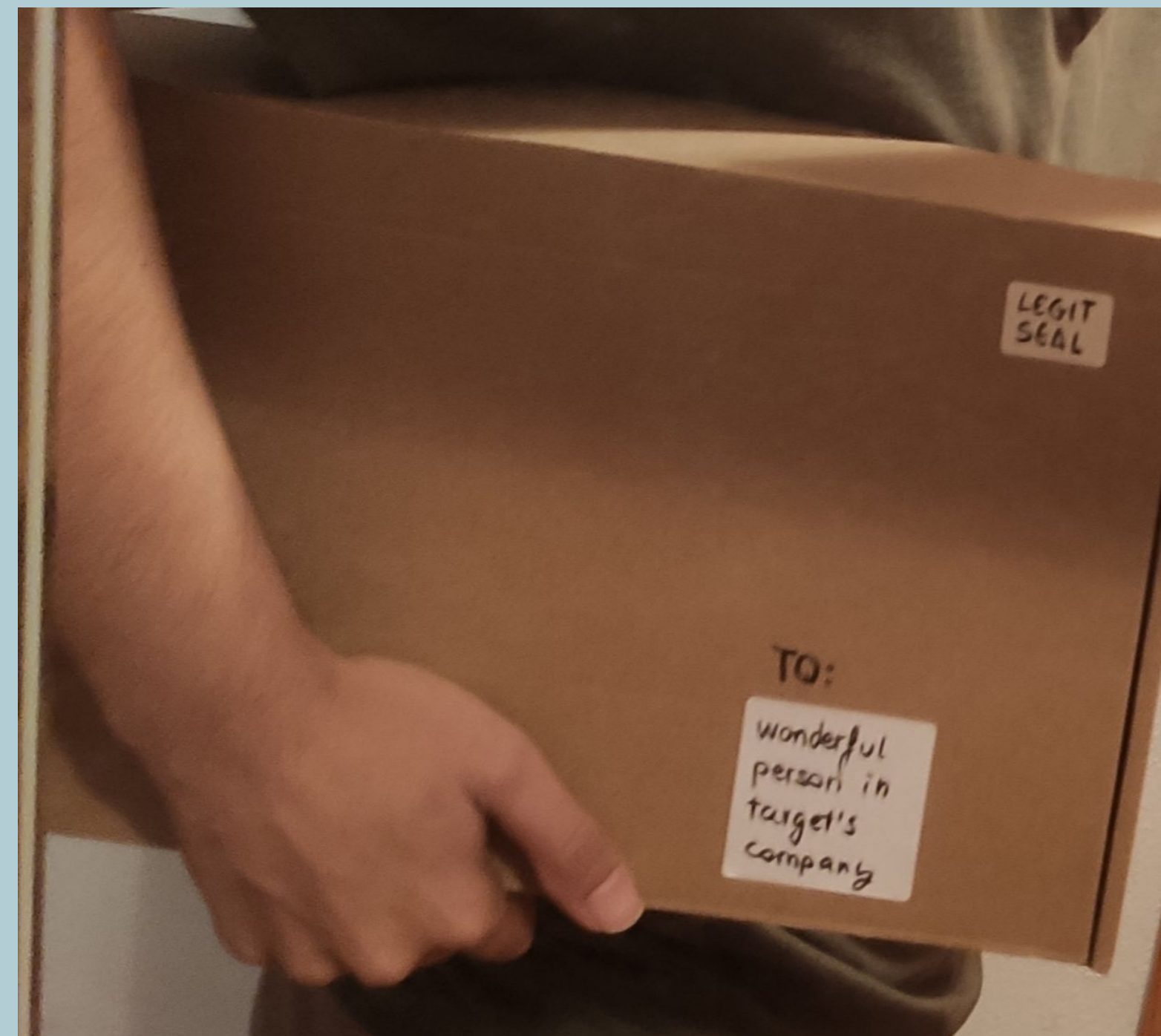


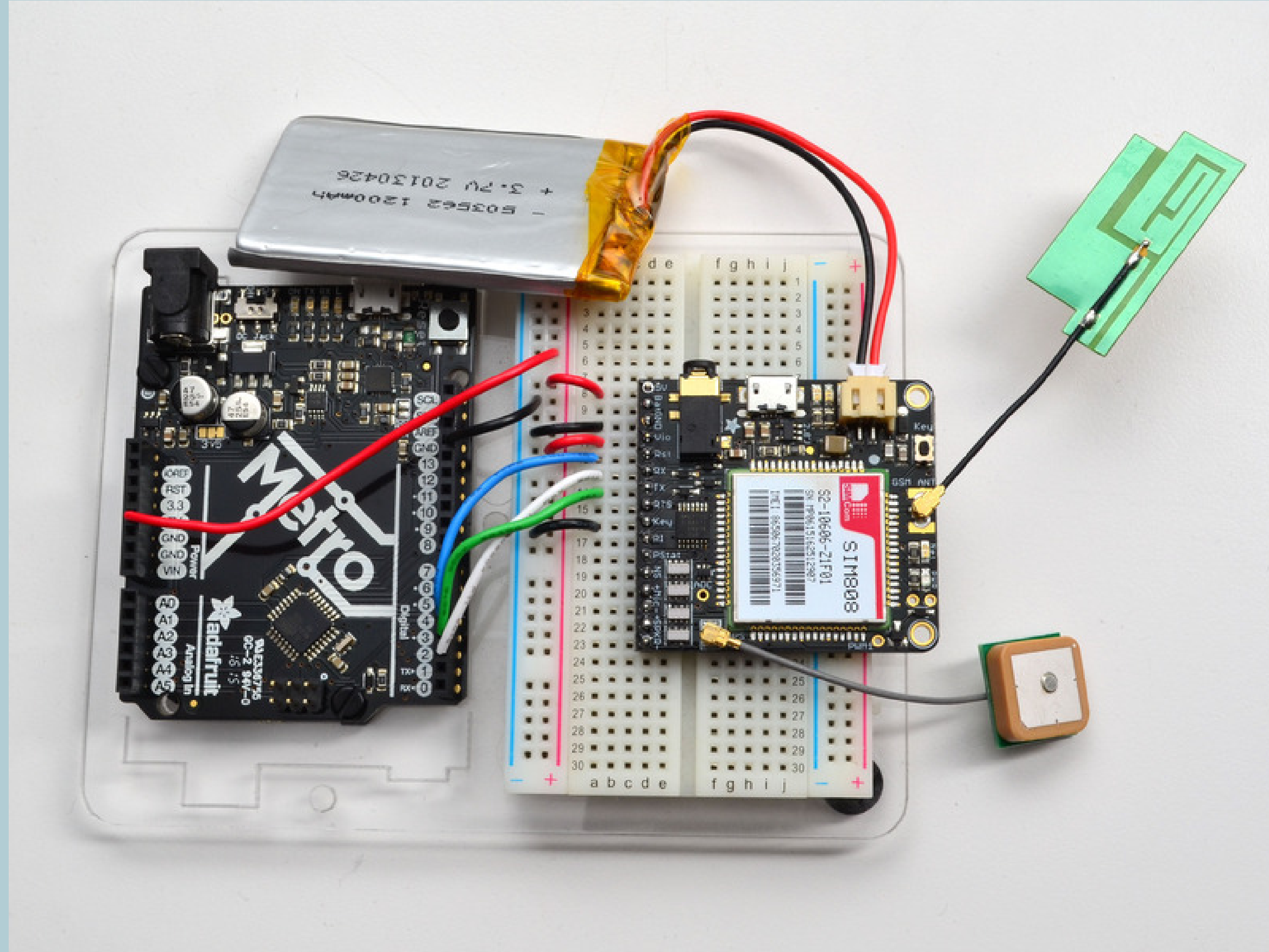
**EASY AND
RELIABLE**

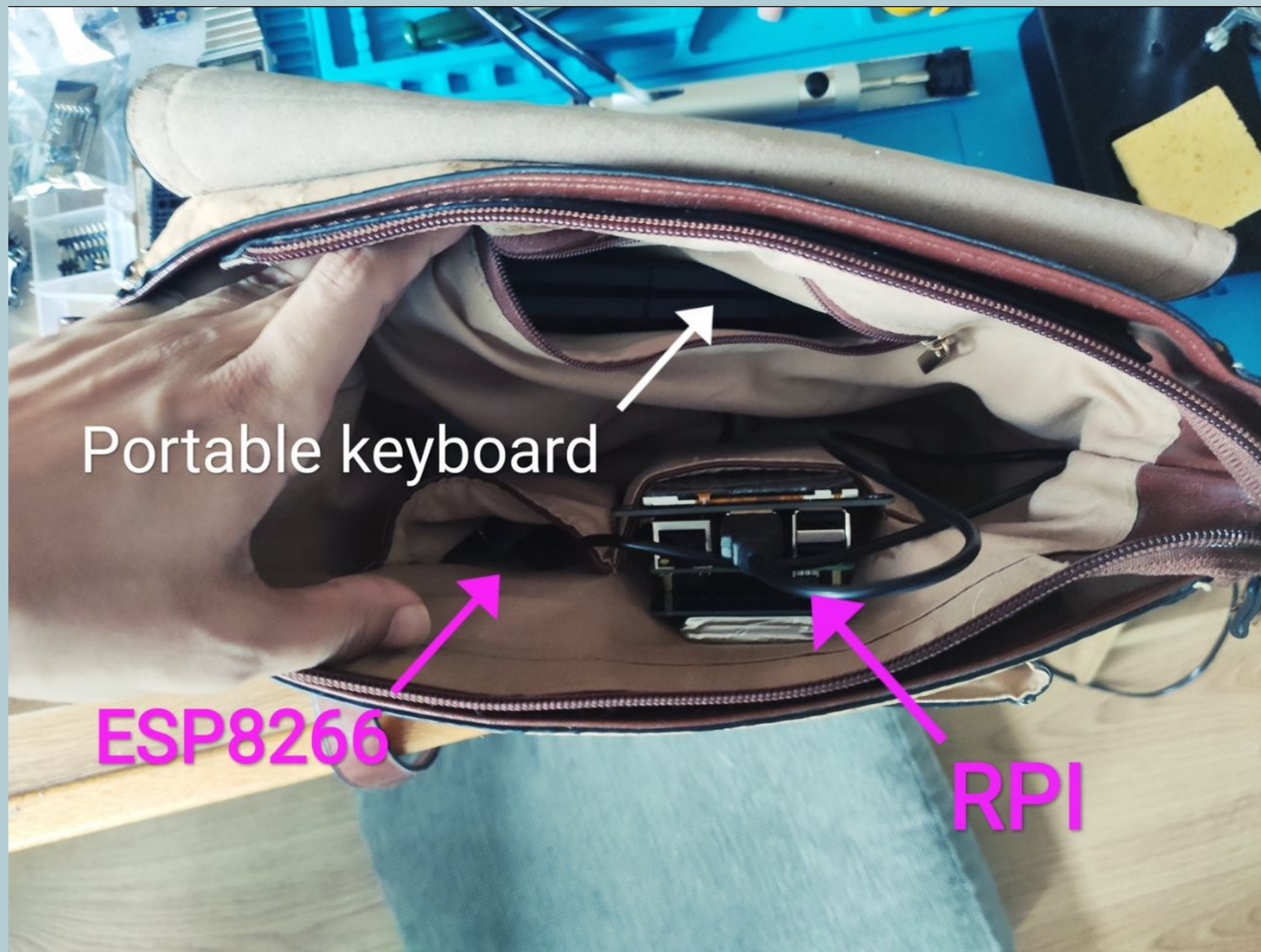
The domain name is *almost* the same as the original.

Gadgets





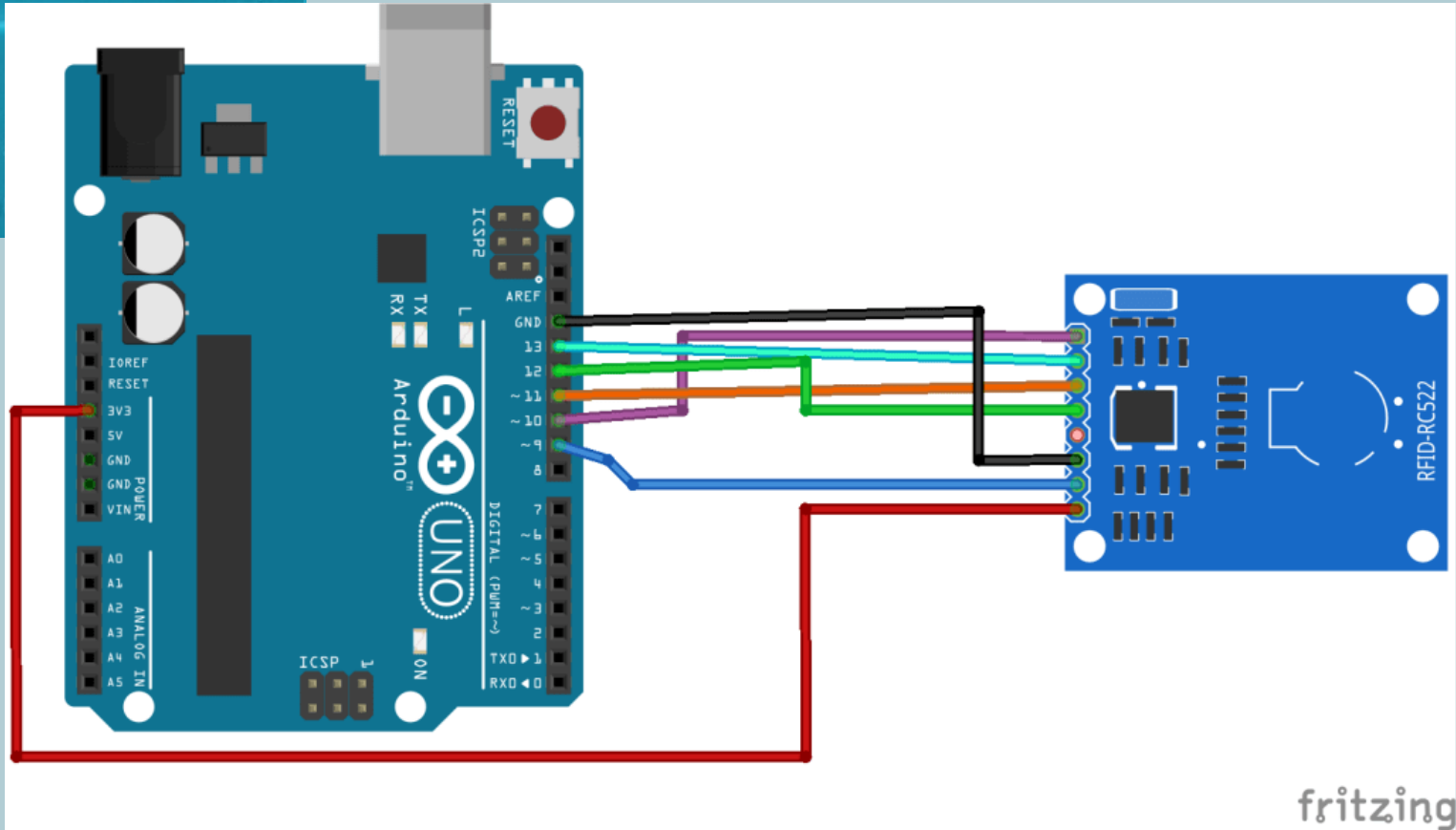
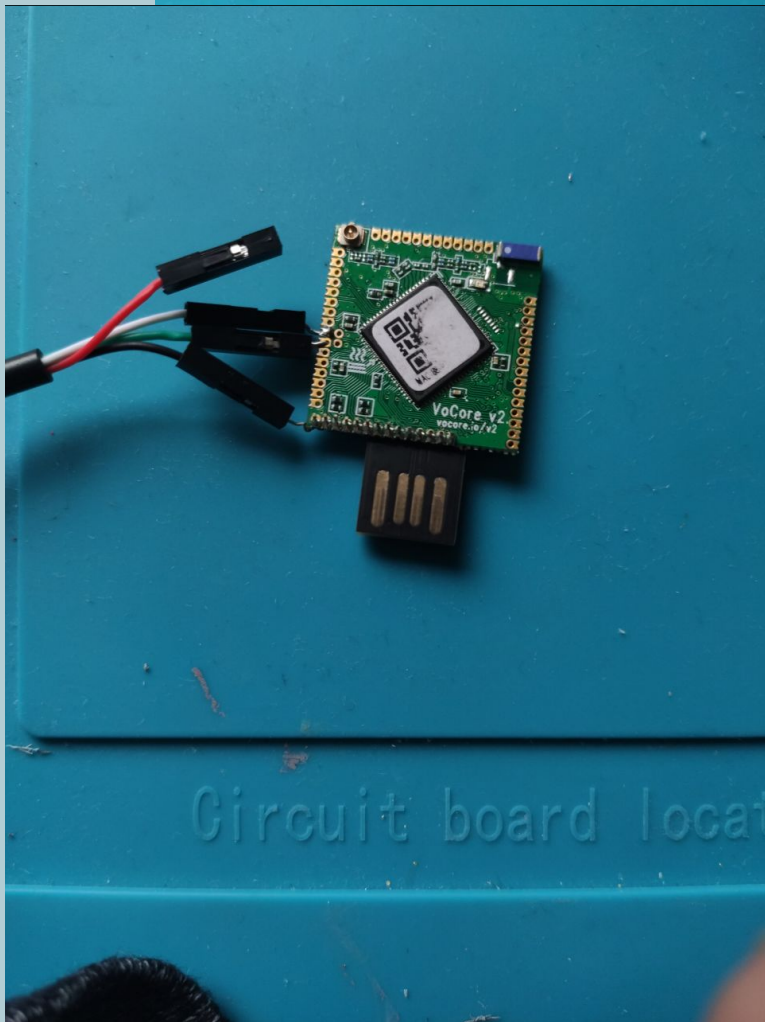
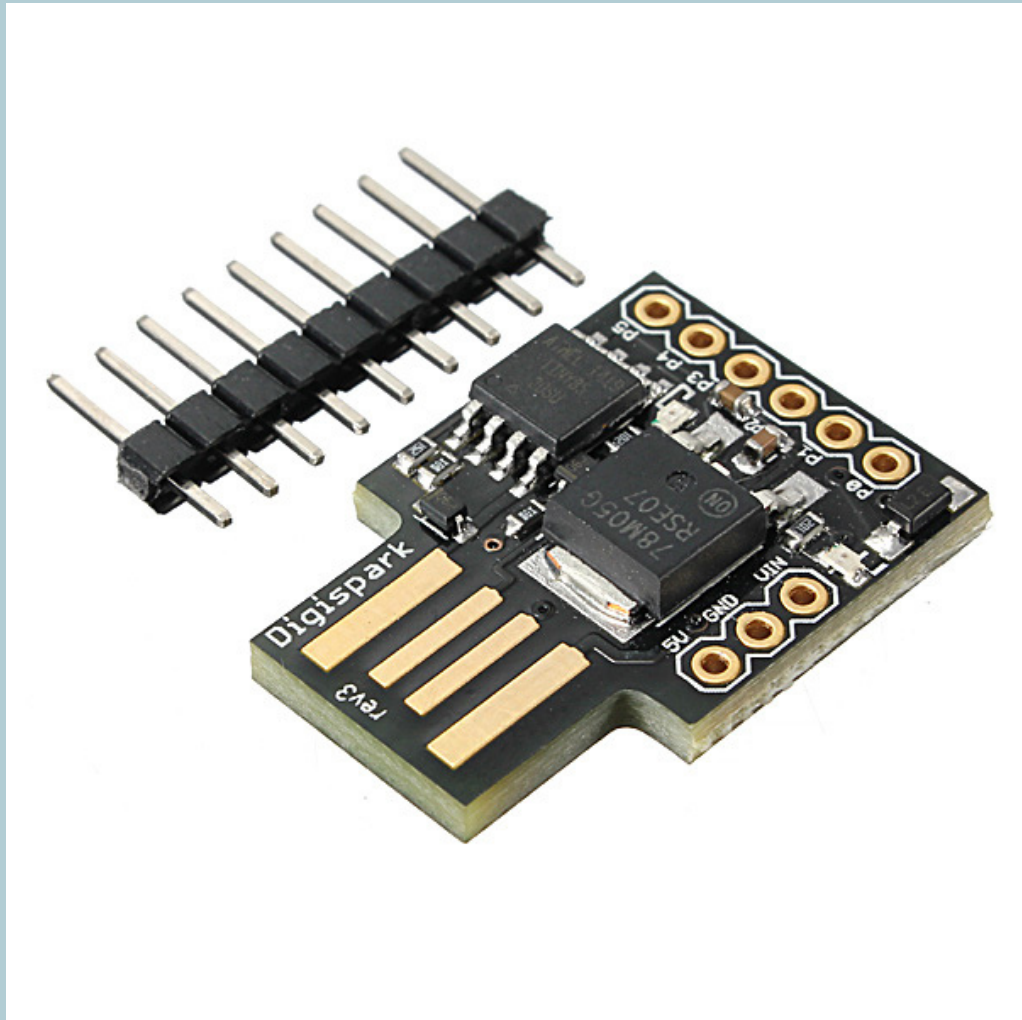
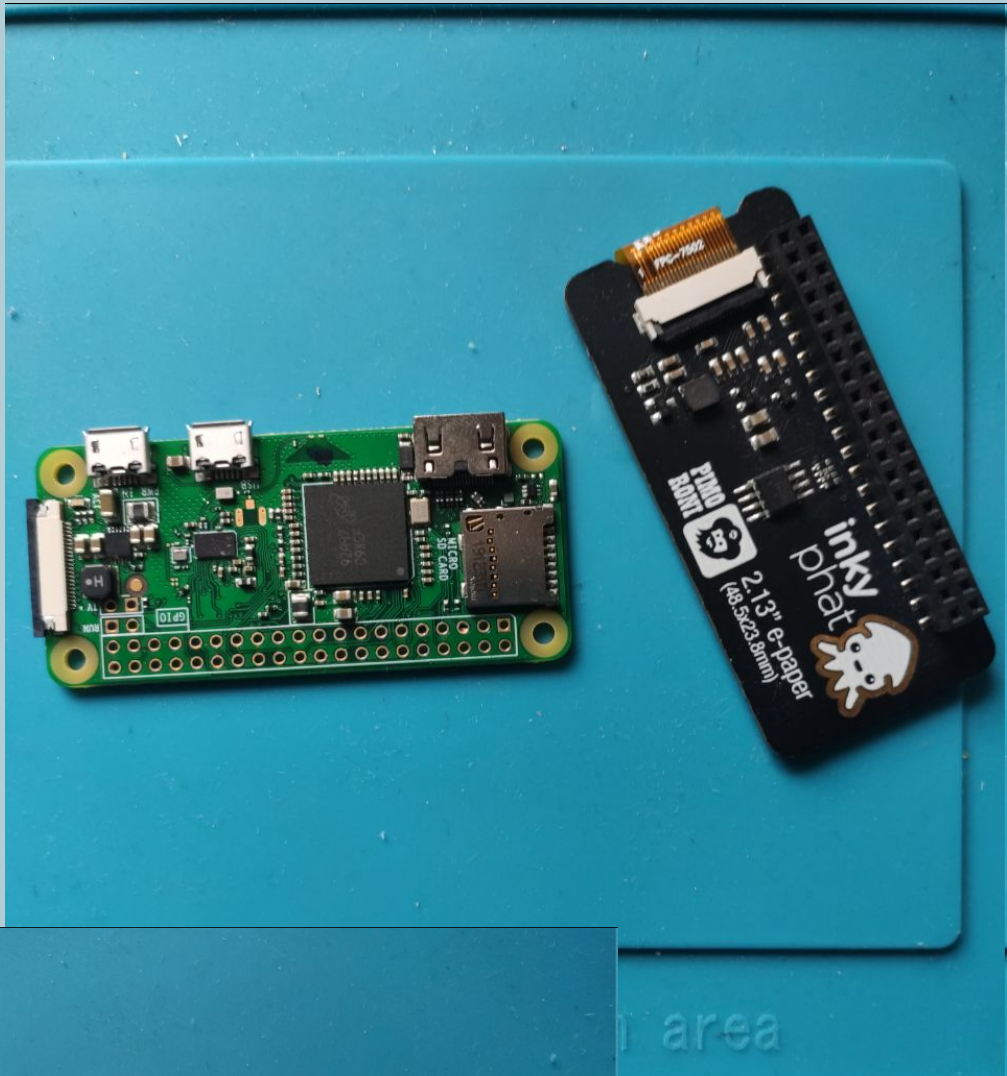




Portable keyboard

ESP8266

RPI



Being tidy

- **Basic information**

Name, address, mail, phone, ID, work...

- **Understanding the context**

Fitting in the place and the moment, but not as much as to be suspicious.

- **Different persons**

Different SIM cards, profiles on social network and whatsapp



Taking advantages of the prejudice



- What are they expecting to see?
- Easy narrative that fits and feels forgivable.
- Huge research of the target including people social media.
- Being friendly and even helpful.

Questions?

Thank you!