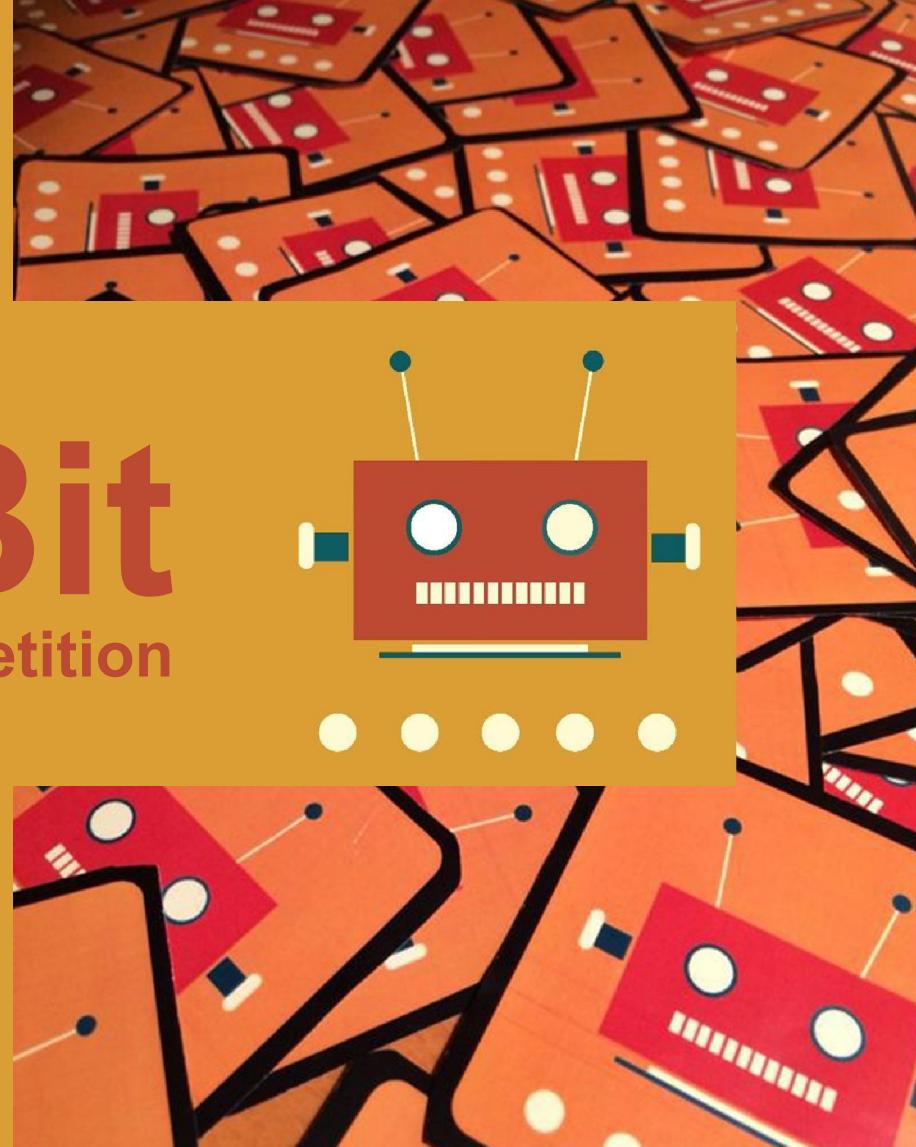
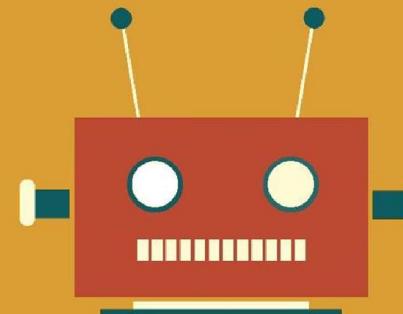


# ThinkBit

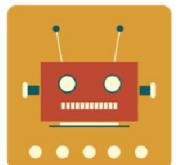
CHEST Competition



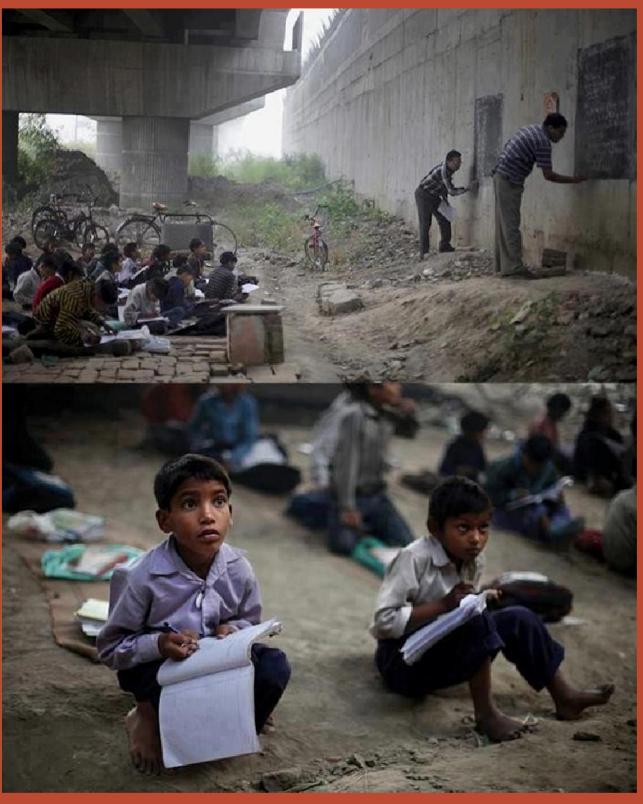
# Who we are



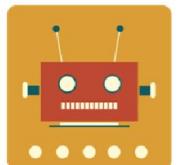
- We started in 2012 as a group of friends
- Most of us were students of Aeronautical Engineering from the Universidad Politécnica de Madrid
- Now our team is composed by a rich mix of different backgrounds



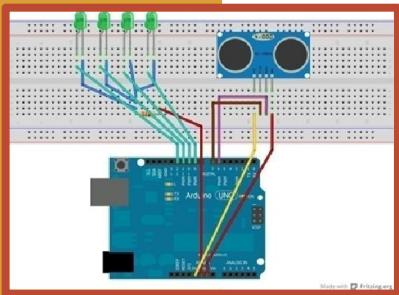
# What moves us



- Pictures like this one
- We want to fight poverty through education
- Inequality can be beaten teaching children programming, electronics and robotics
- Children will have the same opportunities regardless their origin if they can create technology
- Europe has not this kind of images, but the recent financial struggle has led to difficult situations



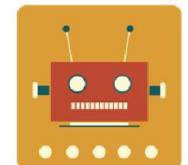
# What we do (I)

A screenshot of the Arduino IDE. The code is as follows:

```
void setup() {  
  // Set the digital pin as an output.  
  // Pin 13 has an LED connected on most Arduino boards.  
  pinMode(13, OUTPUT);  
  
  // Set the LED on.  
  digitalWrite(13, HIGH);  
  // Wait for a second.  
  delay(1000);  
  // Set the LED off.  
  digitalWrite(13, LOW);  
  // Wait for a second.  
  delay(1000);  
}  
  
// The sketch ends: 1020 bytes (of a 32256 byte maximum)
```

- We get the hardware (Arduino's, Raspberry Pi's,...) thanks to donations
- We make tutorials and post them on our [website](#)

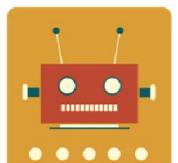
A screenshot of the ThinkBit website. The main content area features a video player showing a person's face with blue and red lighting effects. To the left, there's a heading for 'Práctica 5' and a description. To the right, there's a sidebar with 'Avisos importantes', 'Prácticas' (listing Práctica 5, Práctica 4, Práctica 3, Práctica 2, Práctica 1, Práctica 0, and Bienvenida), and 'Enlaces de descarga' with links for Arduino IDE, Java SE Development Kit, Windows x86, and Fritzing. At the bottom, there's a 'Enlaces de interés' section with links to the official Arduino page and the ThinkBit page.



# What we do (II)



- Then we go to the places where the crisis has struck the most
- We coordinate with the local schools and social workers already on the field
- We give the kits to the kids and we guide them in their learning



# What they say about us

## PÚblico (national newspaper)

Universidad  
Politécnica de Madrid  
(blog)

## El Economista (national newspaper)

## Castellón Información (regional newspaper)

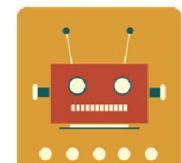
A screenshot of the EL PAÍS MADRID website. The top navigation bar includes links for 'EDUCACIÓN', 'CULTURA', 'POLÍTICA', 'ECONOMÍA', 'DEPORTE', and 'OPINIÓN'. Below the navigation is a search bar and a 'NOTICIAS' button. The main content area features a large image of two young girls sitting at a table, focused on a laptop screen. To the left of the image is a sidebar with the text 'Programar para aprender' and a link to 'CÓMO APRENDER A PROGRAMAR'. The main article title is 'Los niños de Madrid ya programan en sus aulas' with a subtitle 'El colegio público 'El Pintor Sorolla' es pionero en impartir clase de programación a los más pequeños'. The article text discusses how Madrid is leading the way in teaching programming to children as young as 5 years old. On the right side of the page, there is a sidebar with the heading 'EN LA RED' and a link to 'Madrid' que'. Below this are sections for 'ESTADÍSTICAS', 'OPINIÓN', 'CULTURA', 'DEPORTE', and 'OPINIÓN' again. A 'COMPARTE' button is located at the bottom right of the main content area.

## El País (national newspaper)

# Enrique Dans ([blog1](#), [blog2](#))

# Philips Inovación (blog)

Agencia EFE (news agency)



# Who our partners are

For the CHEST Competition we have created alliances with two local communities



[QSMHM website](#)



**QSMHM** is our partner in the neighborhood of **Tetúan** (center of Madrid). As its website says, they pursue: “..the promotion of a sustainable model for economic, social and environmental development from an innovation and marketing standpoint”



[ICEAS website](#)



**ICEAS** is our partner in the neighborhood of **Pan Bendito** (south of Madrid). They work to: “provide a comprehensive, personalized and inclusive education, targeting vulnerable situations, offering children with family and social difficulties, the necessary support for their integration”

