

Pablo Pulido Mencias

Junior undergraduate in electrical engineering

I am an international student from Madrid, Spain. My bachelor is electrical engineering, however in my home country I study something similar called telecommunications engineering.

In my free time I like to practice sports and read.

Download my portfolio here: [Portfolio](#)

Skills:

- **Programming:**

- Java
- C
- Matlab

- **Tools**

- Wireshark
- Ubuntu
- VS Code

Projects:

- **Tetris game**

I built a basic simulation of the game tetris using java's object oriented features. The game had different modes in which you could play by yourself or let an algorithm play allocating the pieces the lowest and furthest right as possible.

Link to a resume of the project: [Tetris project](#)

Next piece:

```

      *  *
    *  *
  -----
  -----
  -----
  -----
  -----
  *  *  *  *  *  *  *
  *  *  *  *  *  *  *
  *  *  *  *  *  *  *
  -----
Number of pieces = 4
<Press Enter>

```

```

Next piece:
* *
* *
Game Over!
* * - - - - -
* * - * * * * -
* * * * * * * -
- * - * * - * *
* * * * * * * -
- * - * - * * -
- - * - * * - -
* * * * - - * *

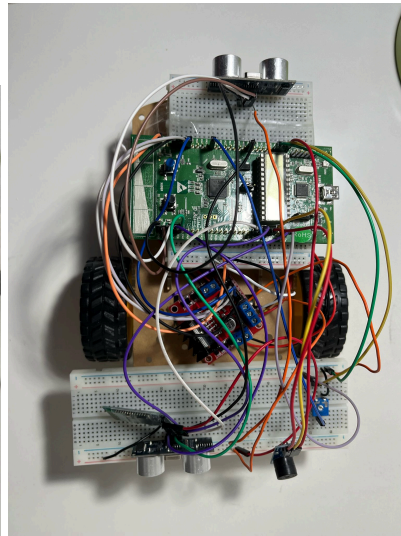
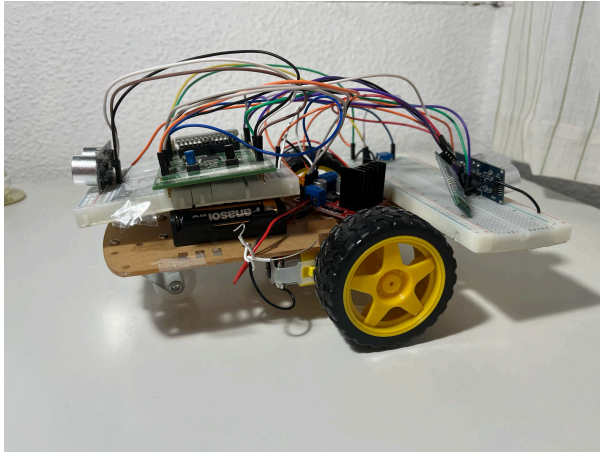
Number of pieces = 17
<Press Enter> :

```

- **Autonomous microcontroller car**

Using an STM32L152 microcontroller, I built a self driving car that detected obstacles and changed the direction. It included a buzzer in order to alert when it was detecting an obstacle, buzzing stronger the closer the obstacle was.

It was also connected to a mobile phone through bluetooth using a USART device, which allowed for users to control the direction and speed of the car.



Education and experience

- **University Carlos III of Madrid - Telecommunications engineering (Electrical engineering)**

During the two years I have been at UC3M university I have attended many talks related to fields such as cybersecurity and artificial intelligence.

I have gained knowledge in circuit theory, signal processing, network and service management, and advanced mathematics

- **Native spanish and fluent english**
- **Working experience as a lifeguard**

During the summer of 2025 (3 months) I worked with "Olaqua" as a part time lifeguard.

Contact info

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