

MAY. 2020

MASTER-SLAVE ROBOTIC ARMS

A PROJECT BY PUG-o-TRONICS



THE UNION BETWEEN MECHANICS, ELECTRONICS AND PROGRAMMING

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This project is the product of the combination of 3 different areas of knowledge that are mechanics, electronics, and programming. It should be noted that this project was carried out at the beginning of the year, so the COVID-19 pandemic affected the initial plans.

Without a doubt, this was a challenging project because from one day to the other, we lost the resources and tools that the school provided us. Having to improvise and get the best out of the resources we had at that time.

Fortunately, we were able to do a successful robot, which won second-place thanks to its robustness and performance.

WHAT'S INSIDE THIS PROJECT?

- Arduino programming
- Bluetooth communication
- Laser cut wooden structure
- Organized and smart wiring
- Use of electronic components such as the HC-05 and HC-06 modules