



Mech Warfare

Cal Poly Robotics Club



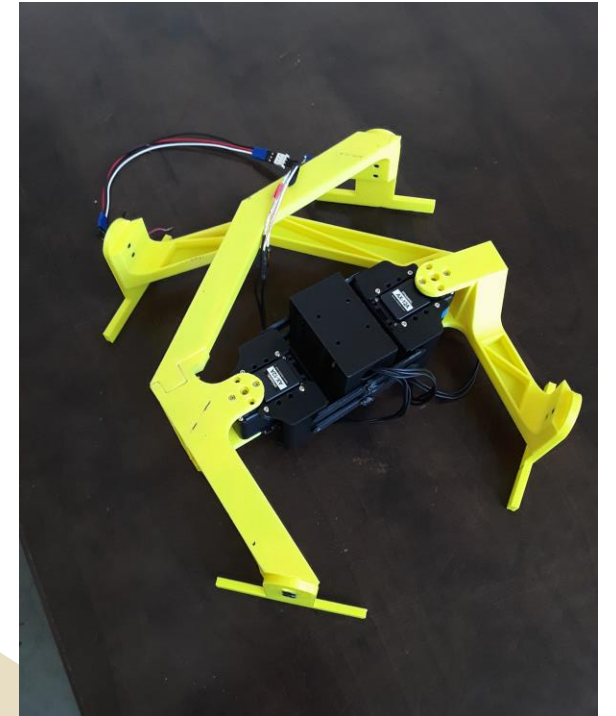
About Mech Warfare

- Sci-fi, legged robot competition
 - Cityscape arena
 - World wide participation
 - Airsoft guns shoot other robot targets



The “Funny Crab”

- Designed by alumni
- Award winning
- Crab-like





A Challenger Approaches!

Hardware

- Servo motors
- Arduino controller
- Battery & power distribution
- Turret assembly
- Laptop control server
- Xbox controller



Software

- Python
 - Control server
 - Communication: Asynchronous non-blocking networking
 - Logging
- Arduino (C / C++)
 - Control robot motors via serial UART
 - Communicates with control server

Contact

- Discord – <https://discord.gg/GDTbpZyQ2>
- Discord – @puppy_warden (BobSaidHi#3458)
- Email – nfouts@calpoly.edu
- Info page - <https://tinyurl.com/cprc-mechwarfare>
- Next week at regular meeting



CPRC Discord



Mech Warfare Info Page