THE WANDERER

ROBOT SIMULATION OF ANIMAL LOCOMOTION

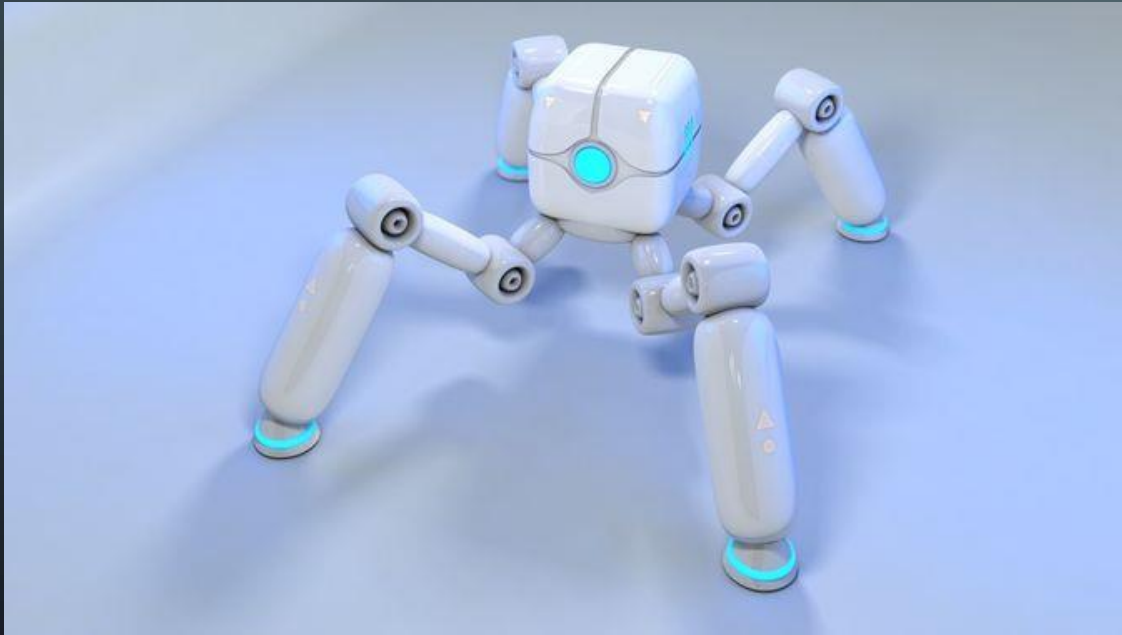Designed by Razvan-Horia Pop

CONTENT

- Inspiration and purpose

- Design

- Hardware

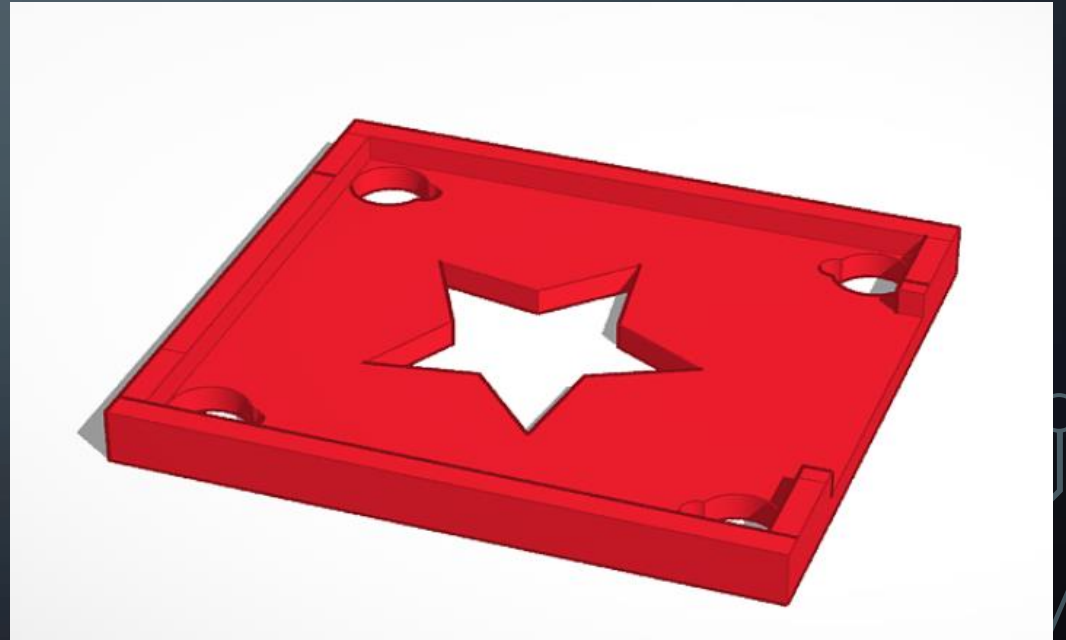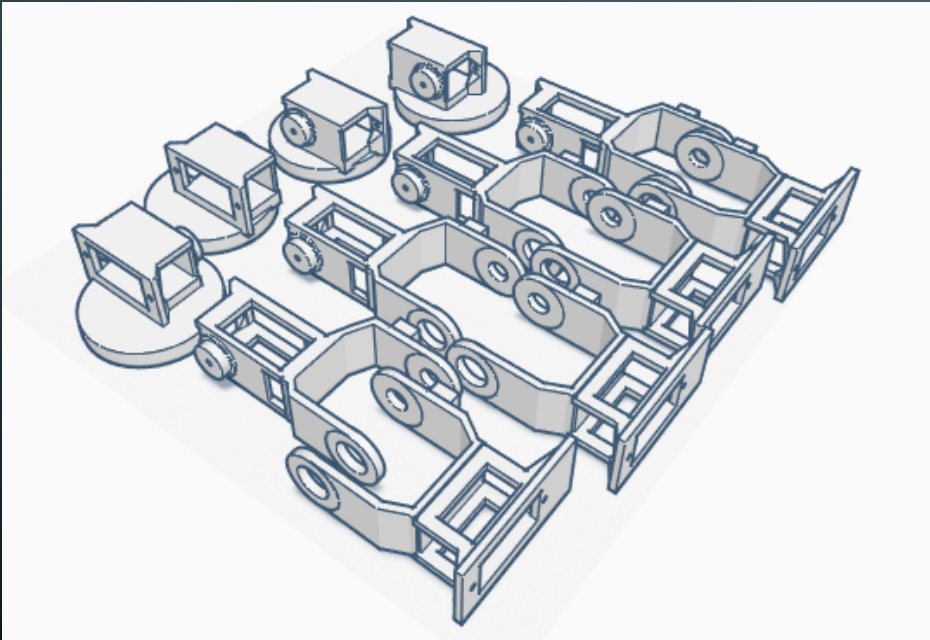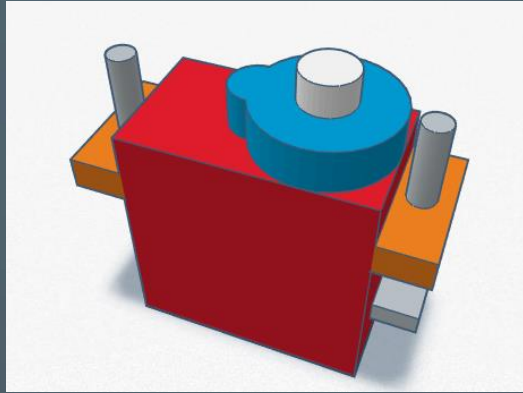- Technologies

Coordinating Teachers
Bardezi Andrei, Octavia
Ivona

UNIVERSITATEA DIN BUCUREȘTI
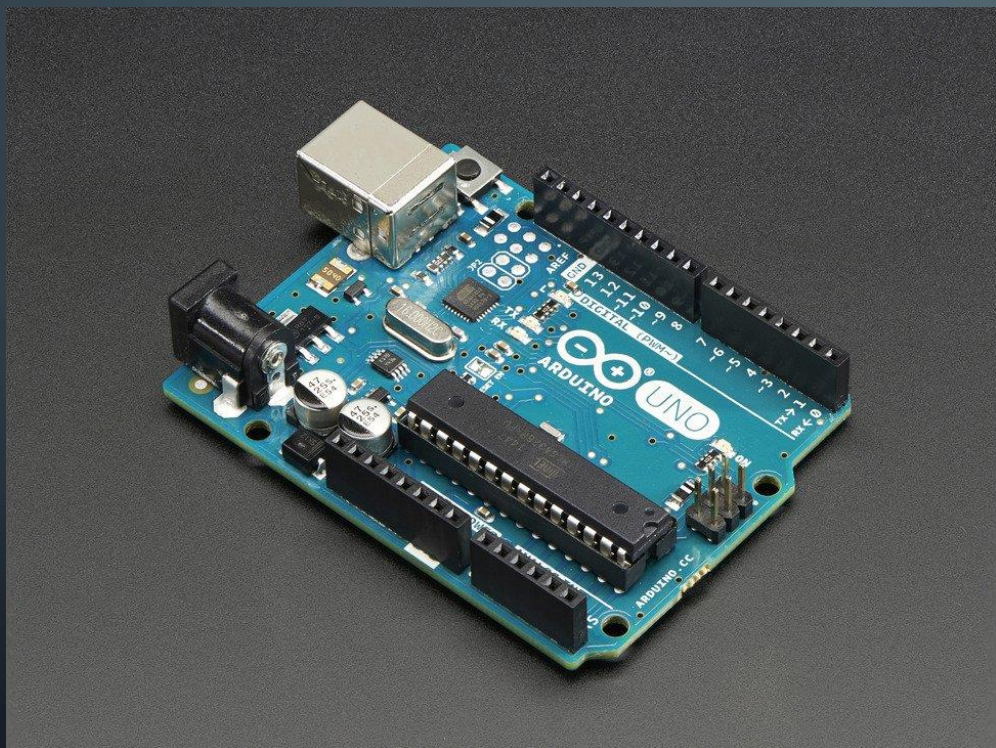VIRTUTE ET SAPIENTIA

THE IDEA OF A FOUR LEGGED ROBOT

THE DESIGN
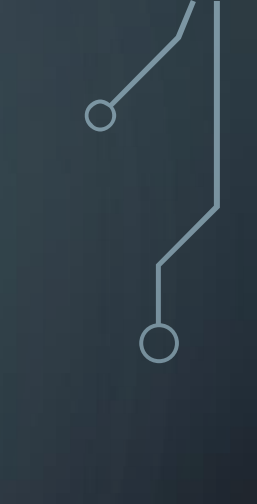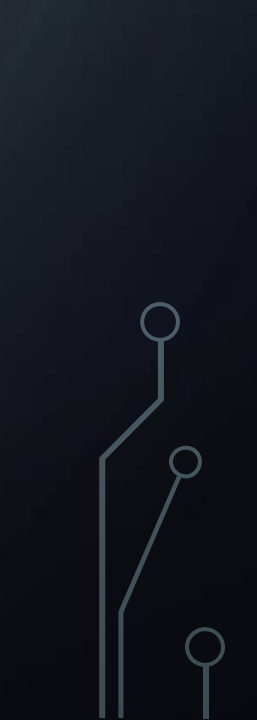
THE HARDWARE
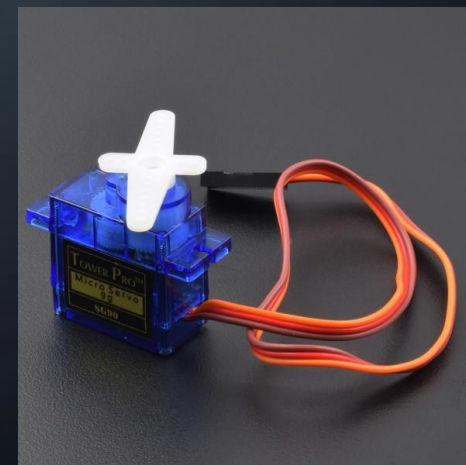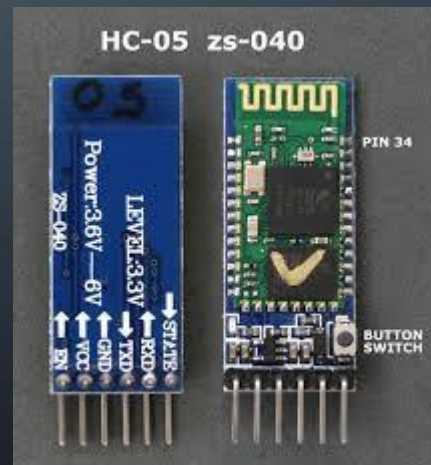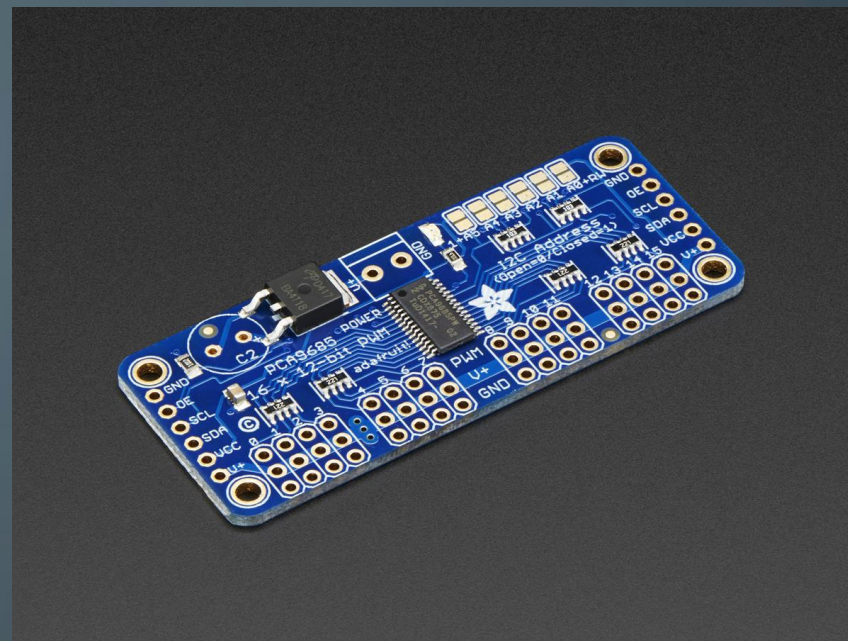
TECHNOLOGIES USED

- Arduino IDE

- Adafruit PWM Driver Controller

- Arduino Bluetooth remote Controller

FURTHER IMPROVEMENTS

- Lighter body

- Better traction

- Suspension

- Self teaching locomotion based on machine learning

SPECIAL THANKS

- Bucharest Univetsity

- My Teachers: Andrei Bardezi, Octavia Ivona

- Stafie Ciprian Mihai

- Friends and family