

Aberystwyth Robotics Club

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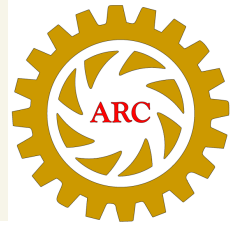


As seen on...

Cambrian News

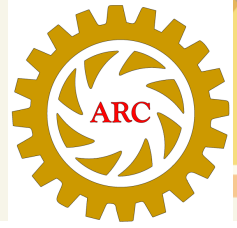


WalesOnline



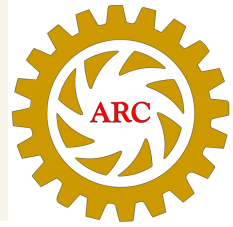
What do we do?

- Outreach project for schools in association with Aberystwyth University.
- Teaching 11-18 year olds programming, electronics and engineering.
- Undergraduate society for students to work on projects.
- Access to hobby/research robots and other robot enthusiasts.



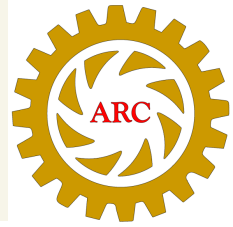
- Events:
 - BeachLab – Robots on the Promenade.
 - British Science Week.
- Workshops – Pumpkin Hack, Lego NXT, Paper Circuits, software hacks.
- Show and Tell – BCS and club hosted.





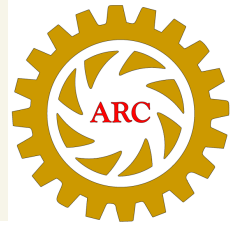
Do I have what it takes?

- Of course! - **No experience required, just enthusiasm!**
- We learn as we go along:
 - Peer Learning.
 - Experience in a wide variety of technology.



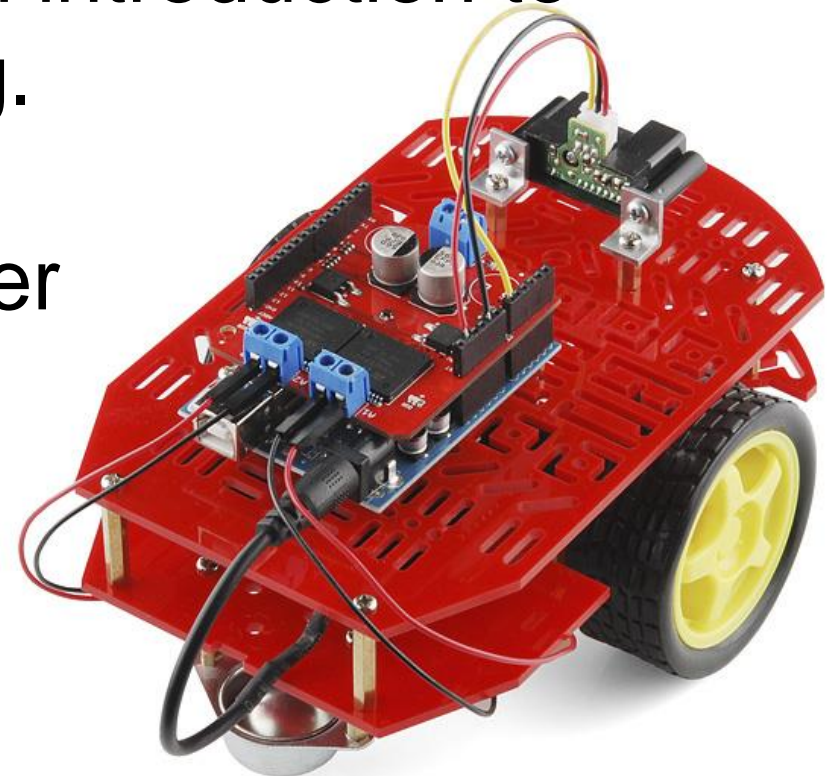
Student Society

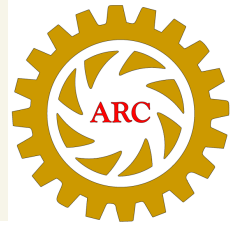
- We are also a AberSU Society!
- University students robotics club on a Wednesday afternoon; 1-3PM.
- MP1.00 – Part 1 Lab, First Floor, Physical Sciences.
- More info – www.students.aberrobotics.club



Magician Chassis

- Aimed for begginers as an introduction to robotics and programming.
- Arduino microcontroller
- Motors and motor controller
- Ultrasonic sensor
- Battery

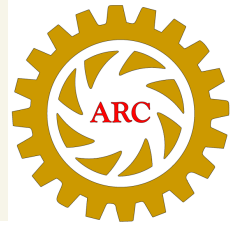




Tango

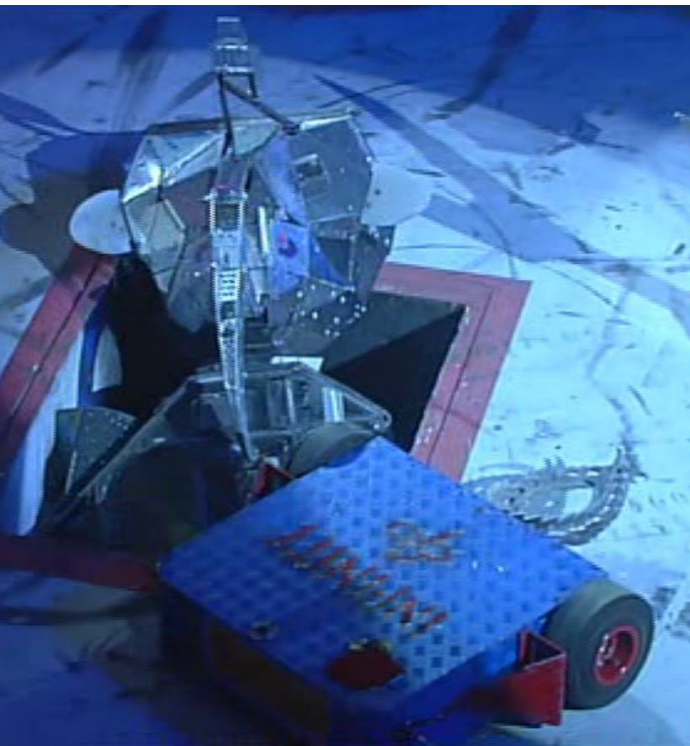
- Aimed for advanced robotics programming.
- Arduino
- Raspberry Pi
- 2 motors
- Ultrasonic sensors
- Infrared sensors
- LIDAR sensor

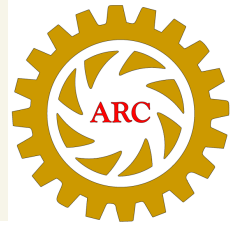




Robot Wars

- We were on BBC show Robot Wars and will be again soon!

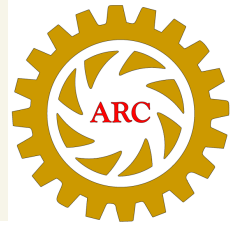




Why would you benefit?

- 1) It's fun!
- 2) Collaborative working and debugging.
- 3) Developing engineering & programming skills.
- 4) Make friends.
- 5) Great for further work in teaching, research.

Excellent to put on the CV!



How to join

- 1) All the information you will need.....
- 2) Website: www.students.aberrobotics.club
- 3) Email: students@aberrobotics.club

