



## TORPEDO TEAM

### Company Specs

TORPEDO, Alexandria University, Egypt

Distance: 11101.9 Kilometers



Our company "Torpedo" has been established in order to contribute in the field of Robotics, and mainly the industry improvement of marine and underwater vehicles (ROV).

Our company has participated in 2015 regional competition in port said, Egypt and international competition in St. John`s, new found land & Labrador, Canada. Also we've won the 2<sup>nd</sup> place in 2016 regionals.

#### Company Members

New Members Marked in Red

**Mohamed Yousry Kamal**  
Electrical Engineer, CEO, '17

**Mahmoud Samy**  
Software Developer, '18

**Mohamed Mostafa Abusetta**  
Electrical Engineer, CFO, '17

**Mohamed Attia**  
Safety Officer, '16

**Ahmed Hady**  
Mech. Team Leader, '16

**Mohamed Eldemery**  
Camera Specialist, '18

**Karim Emad Genena**  
Elec. Team Leader, '17

**Hossam Fouad**  
GUI Developer, '18

**Ahmed Mohamed Ibrahim**  
Electrical Engineer, Pilot, '17

**Mohamed Nasser**  
R&D, GUI Developer, '17

**Yehia Mohamed Ayman**  
Software Developer, Copilot, '18

**Ahmed Ibrahim Khames**  
Fab. Director, '18

**Mahmoud Reda**  
Marine Engineer, Tether Man, '17

**Mostafa Zaki**  
CFD Specialist, '18

**Ehab Abdulrahman**  
CAD Designer, '16

**Mohamed Nasser Zghalil**  
Mechanical Engineer, '17

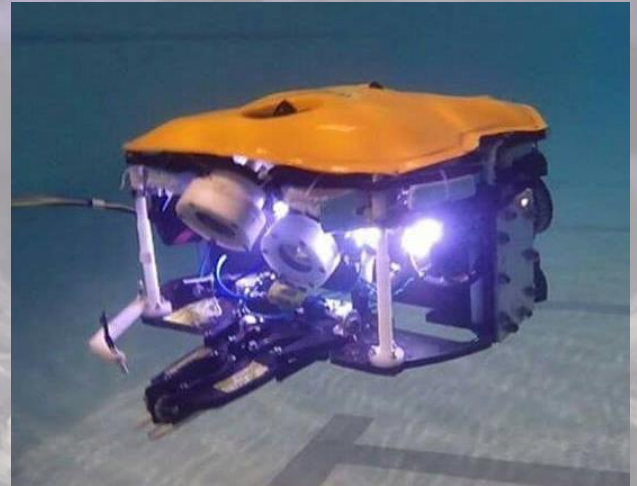
**Sara Yaacoub**  
Compu. Analysis Director, '17

**Abdulrahman Mohamed**  
R&D, '17

**Abdullah Aml**  
Software Developer, '19

**Sara Abdullah**  
GUI Developer, '18

### ROV Specs



ROV Name: Triton

Net Cost: 3668\$

Work Hours: more than 2000 hours in total.

#### Safety Features:

- Feedback system for thrusters have been applied to the GUI for complete supervision
- warning stickers have been placed in front of any probable source of danger
- A 25 Amp M.C.B is connected in surface controller to avoid overload hazards.
- A 2.75 bar adjustable pressure regulator.
- All edges are rounded.

#### Special Features:

- Maneuvering speed of 7.5 Knot.
- 15.9 Kg weight
- Two DOF pneumatic general purpose manipulator.
- Two analog HD Cameras with Wide angles.
- Digital Temperature Sensor.
- Depth Sensor and Depth automatic control.

