



# tigersharks co.

Taipei American School

Taipei, Taiwan

## Company Specs

**Company Name:** Tigersharks Co.

**School:** Taipei American School

**Organization:** MATE ROV Underwater Robotics

**Home Country:** Taiwan, R.O.C.

**Distance to Houston, U.S.A:** 12,752 km

**MATE ROV Participation History:**

Participated every year since 2010

**Team:** returning and new members ranging from 9th to 12th grade

**Ranger Class**

## ROV Specs

**ROV Name:** Mk-VII

**Total Cost:** 104,201.79 NTD (3221.87USD)

**Materials:** Aluminum, Acrylic, PLA

**Dimensions:** L: 45cm W:41.5m H:30cm

**Total Mass:** 7.5 kg

**Total Student Hours:** 250 hrs

**Safety features:** 25 amp fuse, detachable tether, thruster current monitoring

**Special features:** servo cameras, modular control system, Logitech game controller, servo powered claw



## Company Photo

**Main photo (left to right, front row to back row): Name, Grade, Individual Hours:**

Julian Wu (Mechanical Engineer, 9, 25 hrs)

Joseph Chuang (Programmer, 12, 35 hrs)

Ray Ku (COO, Pilot, 10, 30 hrs)

Trisha Sinha (CEO, 12, 35 hrs)

Tiffany Chen (CFO, 10, 25 hrs)

Mina Kim (Documentation Specialist, 12, 15 hrs)

Jonathan Hsu (Mechanical Engineer, 10, 35 hrs)

Lee Thrush (Electrical Engineer, 11, 35 hrs)

Wesley Wang (Electrical Engineer, 10, 25 hrs)

Thomas Yuan (Programmer, 12, 35 hrs)

Jonathan Wu (CEO, 11, 35 hrs)

Rafael Garcia (Mentor)

Jason Kiang (Chaperone)