

## Company Specifications

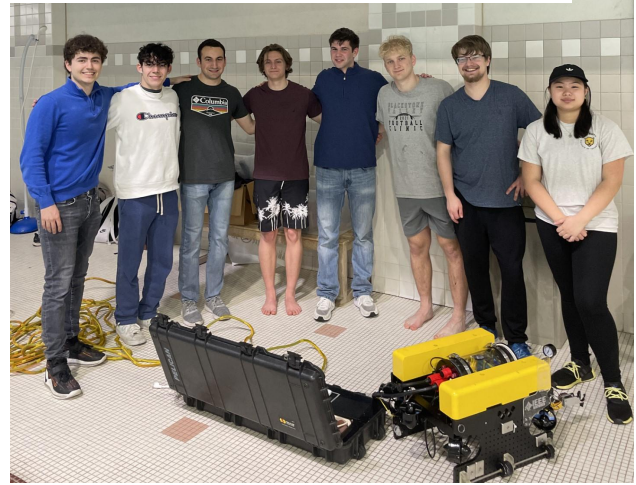
**Company:** Nugget Industries

**School/Club:** Wentworth IEEE Underwater Robotics Team

**Location:** Boston, Massachusetts

**Distance to be traveled:** ~2,000 miles

**History of WUROV:** Wentworth IEEE Student chapter has aimed to compete in the Marine Advanced Technology Education ROV Competition annually in the Explorer Class with three successful competitions completed in the past. During the 2020 competition, the team did not compete due to the Covid-19 pandemic, this year with the Wentworth Underwater Remotely Operated Vehicle (WUROV), an ROV designed and built from a team of students with the mission of contributing to underwater exploration, the team aims to compete again annually.



**Team members:** Tedi Qafko [CEO & VP Software] Jonah Velho [Electrical Team], Christian Vallerand [Electrical Team], Noah DeGrazia [Team Lead Mechanical], Nick Whitcomb [Electrical Team], Trout Marnell [Electrical Team], Chris Serene [CFO], Belinda Truong [CSO & Driver].

## ROV Specifications

**Name:** WUROV

**Total cost:** \$3,670.69

**Size:** 20" x 16.5" x 14.5"

**Weight:** 19.85kg

**Total student-hours:** 300+ hours

**Safety features:** Emergency button, strain relief, 25A fuse.

**Special features:** WUROV has a camera integrated with a high power flashlight and robot gripper to allow for manipulating underwater objects.



Photo of the 2023 WUROV in the Wentworth Institute of Technology campus located in Boston, Massachusetts.