

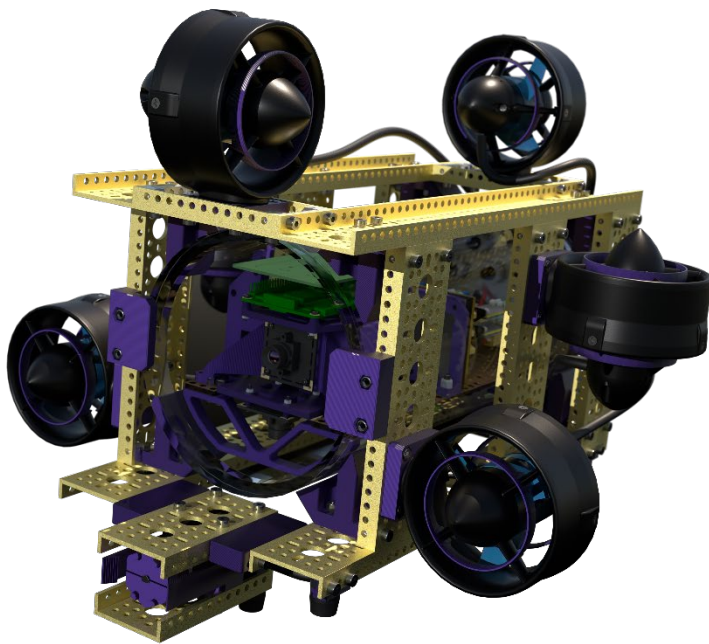
UWROV

Underwater Remotely Operated Vehicles (UWROV) Team
at the University of Washington

Seattle, WA, United States (2609 miles from competition)



UWROV is a returning team. We are comprised of undergraduate students from freshmen (1) to graduating seniors (4).



Total Cost: \$3686

Size and Weight: 400 x 403 x 324 mm, 7.955 kg

Total Design & Build Hours: 3000

Mentor: Rick Rupan

Fourth Row:

Samuel Wang (1, Computer Vision)
Imants Smidchens (2, Design Lead)
Alnis Smidchens (4, Chief Technical Officer)
Quinn Pfeifer (1, Photogrammetry and Odometry)
Sergei Avetisyan (2, Science Lead)
Will McClintock (1, Computer Vision)
Lucas Parekh (2, Manipulators)

Third Row:

Nick Leung (2, Electrical Co-Lead)
Aidan Lee (3, Electrical Systems)
Rowan Newell (2, Co-CEO)
Jordan Wu (2, Electrical Co-Lead)
Derek Liu (1, Computer Vision)
Srihari Krishna (2, Software Co-Lead)

Second Row:

Sheamin Kim (2, Business/Marketing)
Zijing Wei (1, Computer Vision)
Olivia Wang (4, Co-CEO)
Alex Weber (1, Project Management)
Kota Murakami (2, Manipulators)
Ethan Yang (2, Software Co-Lead)

First Row:

Suzu Yoshikawa (1, Business/Marketing)
Alexandra Yankovskaya (1, Electrical Systems)
Tegan Yao (1, Manipulators)
Ellen Leier (1, Float)
Emily Meng (1, Float)
Elliana Koenig (1, Manipulators)

Special Features:

- Input-regulated propulsion.
- Interchangeable, task-specific dynamic and static manipulators.
- Six degrees of motion.

Safety Features:

- Pressure hold temperature regulation.
- Braided tether strain relief.
- Centralized emergency power stop/master power switch.