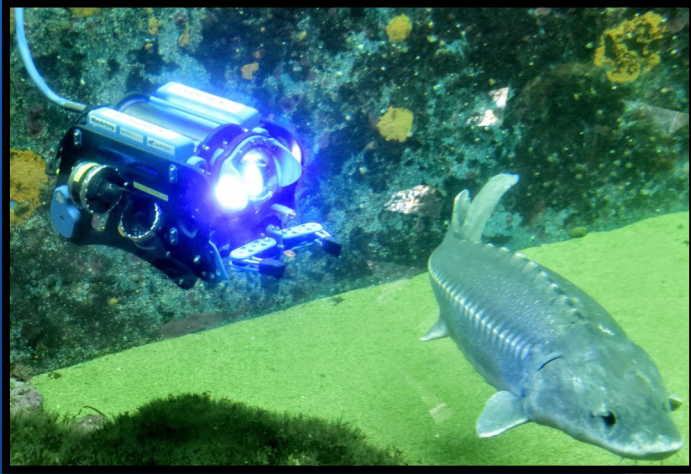


Daedalus II

Sea-Tech 4-H Club Located in Mt. Vernon, WA, USA
150 km from Federal Way, WA, USA



ROV Daedalus II in the WOWW Tank at the Seattle Aquarium



Company Photo from Left to Right: Priya Kumar, Isaiah Houghton, Lazlo Cocheba, Cooper Ristow, Satone Haratani, Spencer Cocheba

ROV Name: Daedalus II

Expenditure: \$5,760.00

Donated: \$840.00

Purchased: \$0.00

Repurposed: \$4,920.00

Design & Build Hours: 710 hours

Safety Features:

- * fuses
- * emergency power switch
- * caution labels
- * shrouded gear pinch points and thrusters
- * smooth, rounded edges

Special Features:

- * Variable controls allow for precise movement of the ROV
- * Placement of four thrusters to maximize versatility
- * Rotating manipulator with a 90 degree tilt
- * LED lights
- * Three camera video system
- * Specialized tooling for aircraft, earthquake, and energy missions

Company Member	Education	Roles	MATE Participation
Priya Kumar	High School Junior	CEO; Mechanical & Video Specialist; Mission Commander	6 years
Isaiah Houghton	College Freshman	COO; Mission Tools Specialist; Data Analyst	5 years
Lazlo Cocheba	High School Freshman	CFO; Propulsion Specialist; Tether Manager	4 years
Cooper Ristow	High School Sophomore	Dir. of R&D; Controls Specialist; Pilot/Manipulator Operator	4 years
Satone Haratani	High School Junior	Marketing & Communications Dir; Structural Specialist; Tether Manager	4 years
Spencer Cocheba	High School Senior	EHS Dir; Power Systems Specialist; Pilot/Manipulator Operator	8 years