

## Blueshift Robotics

Seattle Academy - Seattle, WA

2168 miles from World Championship

### Participation

Blueshift Robotics is a returning team, and has participated in MATE ROV for 5 years. Three of our members are new and three are returning

### Age Range

Our team has participants in the highschool class of 2022, 2023, and 2024



Members from left to right:

**Top: (New) Meghan Jimenez**, Team Mentor - **(Returning, '22) Kavi Dey**, CEO, Programming Lead, Electrical Lead, Co-Pilot - **(New, '24) Haedyn Darling Hill**, Pilot, Electrical Engineer

**Middle: (New, '23) Jenna Li**, Software Engineer, Visual Systems Engineer, Tether Manager - **(New, '22) Emily Myint**, Chief Safety Officer, Chief Financial Officer, Electrical Engineer - **(Returning, '23) Della Smith**, Manipulation Systems Engineer, Mechanical and Design Lead

**Bottom: (Returning, '22) Nalu Farrell**, Chief Compliance Officer, Mechanical Engineer

### ROV

Name: FLOAT-E

Total Cost: \$1,516.56

Size and Weight: 27cm x 82cm x 5cm and 6.4kg

#### Total Hours by Member

Kavi: 196hrs, Emily:  
194hrs, Haedyn: 192hrs,  
Nalu: 193hrs, Jenna:  
192hrs, Della: 191hrs

#### Safety Features

All potentially dangerous items are properly marked, all motors are covered, no sharp edges, chassis weak points are reinforced, all electronics are properly secured and waterproofed and all safety precautions are taken

#### Special Features

Multi-purpose arm, 8 highly efficient motors, custom ballast tanks, advanced custom computer vision code, custom video compression, highly portable driver station

