

WARRIORTIDES

VALLEY CHRISTIAN HIGH SCHOOL

SAN JOSE, CALIFORNIA, USA

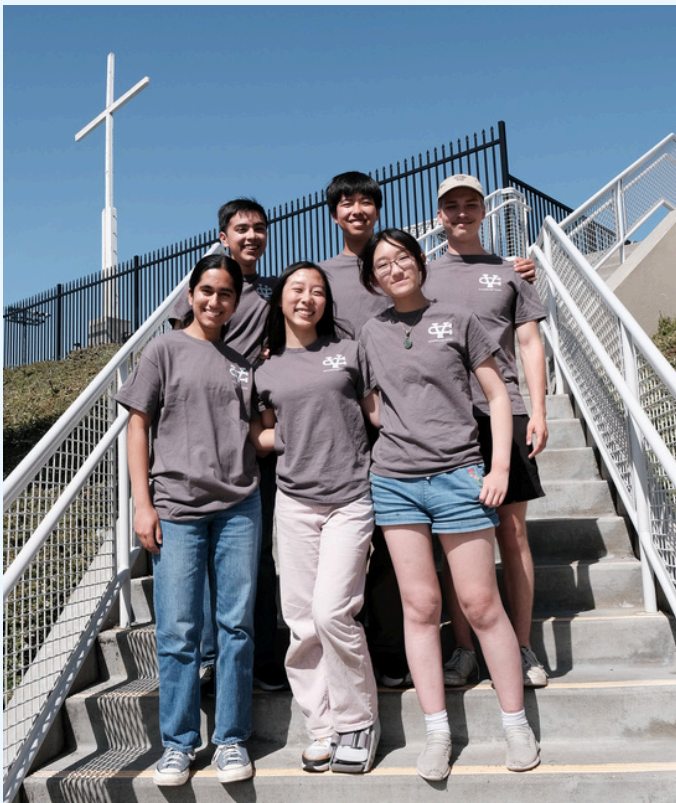
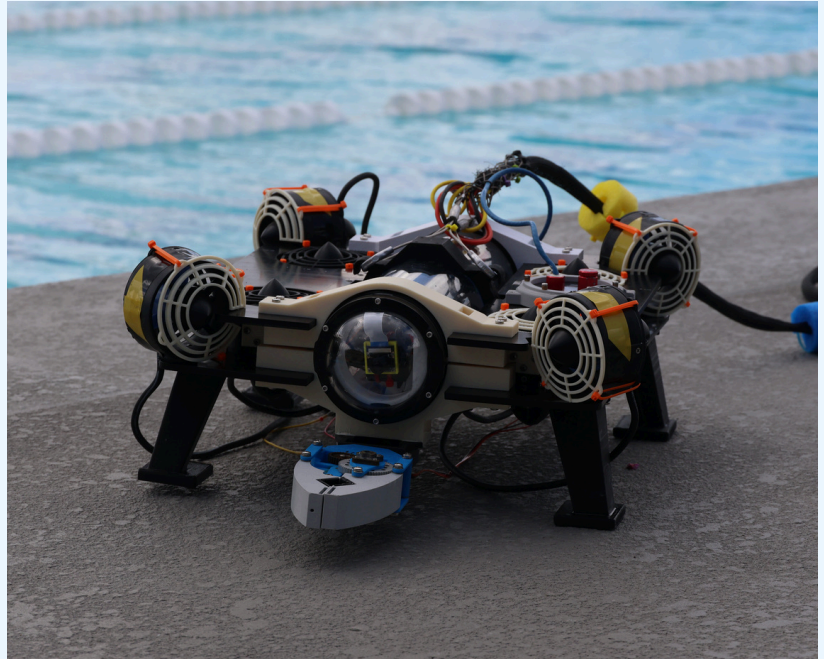
FIFTH YEAR RETURNING RANGER TEAM

Safety Features

- Rounded edges
- Thruster shrouds
- Emergency STOP button
- Eye-catching labels
- Desiccants
- Overcurrent protection

Special Features

- Modular Delrin frame
- Multi-directional thrust program for all 6 degrees of freedom
- Durable claw modified to fit props
- 4-board highly serviceable interconnecting PCB
- Dual-display topside station
- Camera feeds of latency 0.1s and 0.24s
- PID maintains constant depth to 2 cm accuracy



Not pictured: Shivaan Patel, Kashish Kapoor

PANINI



2,527 miles between
San Jose, CA and
Kingsport, TN



10.2 kg



380 Hours



Dimensions (l x w x h)
19 x 18 x 9 cm



4,020

Team Members: (* indicates new team members)

Sharis Hsu | CEO & Electrical | 12th
Zachary Martino | Co-President & Mechanical | 12th
Aayan Maheshwari | Co-President & Software | 11th
David Kou | Mechanical Lead & Safety Captain | 12th
Shivaan Patel | Mechanical & Pilot | 11th
Arunima Garg | Mechanical | 10th
Vivan Yue | Electrical Lead | 11th
Kashish Kapoor | Software Lead | 9th*

Team Mentors:

Robert Reese | Program Mentor
Jonathan Lim | Mechanical Mentor
Chukwuemeka Okoro | Software Mentor