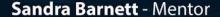


## CAMS High School Carson, California

Company Name: 45C Robotics Distance Traveled: 37km New Team Ranger Class

ROV Name: Triton VI Total ROV Cost: \$521.62 Hours to build: 1110 hours

Jiajer Ho '16 - CEO and Electronics Lead Isaac Neil-Zanoria '15 - Electrical and Software Ted Lin '15 - Software Development Lead Brad Biscocho '15 - Mechanical Engineer Celia Yu '16 - Mechanical Engineer Isaac Addis '15 - Design Lead and Writer Kentaro Vadney '16 - CAD Engineer Jesse Leal '16 - Technical Report Writer and Engineer



## **Safety Features:**

- Motor shrouds with safety warning stickers
- Smooth and rounded design
- Arduino programmed smart system that constantly monitors voltage, current, and temperature of components
- 20 amp inline fuse
- Reverse polarity protection

## **Special Features:**

- 3 Arduino processors to increase processing speed
- Lightweight control box design
- Rotatable claw
- 3D printed custom shrouds

