



# UCSC Slugbotics



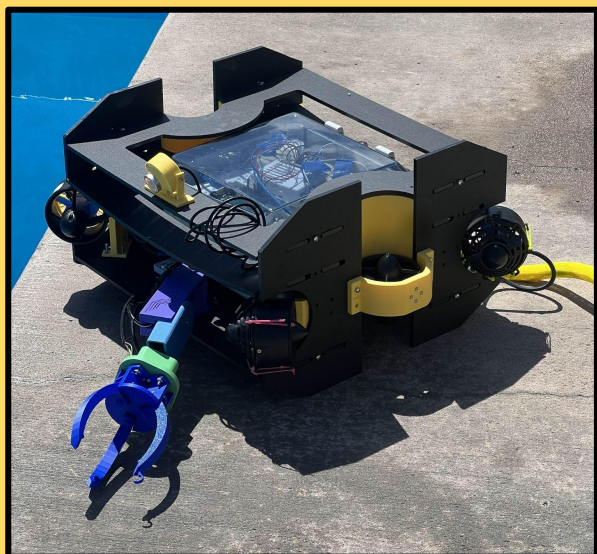
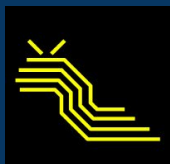
**Company name:** Slugbotics  
**School:** UC Santa Cruz  
**State:** California  
**Grade levels:**  
1st year to 3rd year undergrad  
**Distance to Alpena:** 2000 Miles  
**Previous appearances:** 2021

## Our full team

26' **Cristo Chavira**  
Team lead / CEO  
27' **Andy Wu**  
Movement team lead  
27' **Jacob Long**  
Movement team  
28' **Alexander Hamilton**  
Topside team lead  
27' **Nivedita Kamath**  
Frame team lead  
28' **Jaren Tennor†**  
Frame team

27' **Layla Peachee**  
Integration team lead  
26' **Leon Buchan**  
Integration team  
27' **Tate Garrett**  
Integration team  
28' **Sean Goudie**  
Integration team  
26' **Zander Mendoza**  
Arm team lead  
26' **Ashlyn Ng**  
Arm team  
27' **Addison Todd**  
Arm team

26' **Nathan Pham**  
Float team lead  
28' **William Han**  
Float team  
28' **Yusef Ismail**  
Float team  
28' **Lucas Zaragoza**  
Float team  
27' **Josh Lanaverde**  
Float team  
26' **Jason Yang**  
Vision team lead  
27' **Mihir Bhagatwala**  
Vision team



## Sea Slug

**Total cost:** \$1,700

**Dimensions:**

58cm x 30cm x 78cm

**Mass:** 11.56 kg

**Time to design/build:** 8 months

### Safety features:

- Fusing with SB50
- Auto idle when communication is lost

### Special features:

- 3 DOF servo arm
- OpenCV object recognition