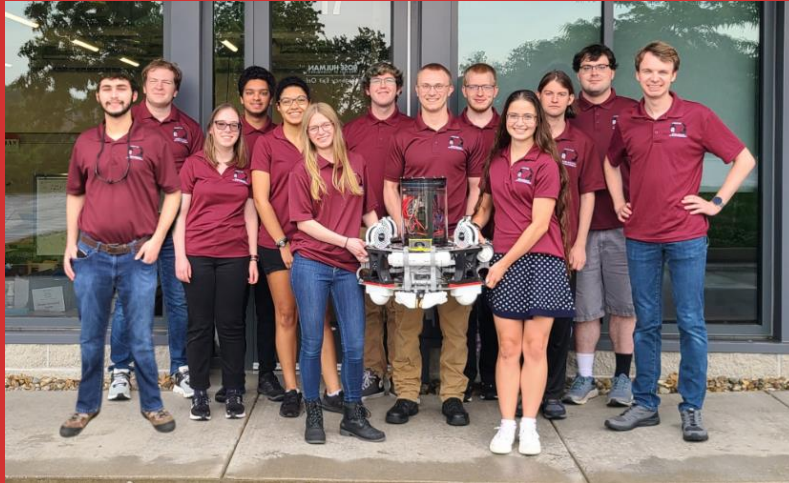Rose Robotics, Rose-Hulman Institute of Technology
Terra Haute, Indiana
2,014 Miles from Rose-Hulman to Long Beach

No current members of our team have gone to a MATE ROV competition,
teams from the school have gone in the past

ROV Specs:

ROV Name: Duck

Total Cost: $7210.10

Size and Weight: 34.5" long, 25" wide, 23.75" tall, 70.8 lbm or 32.11 kg

Total Student-Hours: 2,500

Safety Features: Tether strain relief, power line fusing, shrink wrapping over shroud screws, motor shrouds.

Special Features: Stepper motor-based gripper system, dual cameras, fully electrical design (no fluid power).

Company includes freshmen, sophomores, and seniors:

'22 Timothy Beuchel, CEO, CFO, Firmware Engineer
'22 Danielle Villa, CTO Software and Firmware Systems
'22 Charlie Hahm, CTO Mechanical Systems, Safety Officer
'24 Nathan Quets, CTO Electrical Systems
'24 Tori Robinson, Firmware lead
'24 Amara Green, Mechanical Engineer, Pilot
'24 Tristan Scheiner, Software Engineer
'24 Rishi Singh, Mechanical Engineer
'24 Courtney Pepper, Mechanical Engineer
'25 Taytum Newell, Mechanical Engineer, 3d Printer Officer
'24 Gus Larson, Physics Subject Matter Expert
'24 Ross Hewitt, Electrical Engineer
'22 Robert Hairston, Firmware Engineer
'24 Jacob Branniger, Mechanical Engineer
'25 Laura Smith, Mechanical Engineer
'25 Kiana Fan, Software Engineer
'24 Quinlan White, Software Engineer