

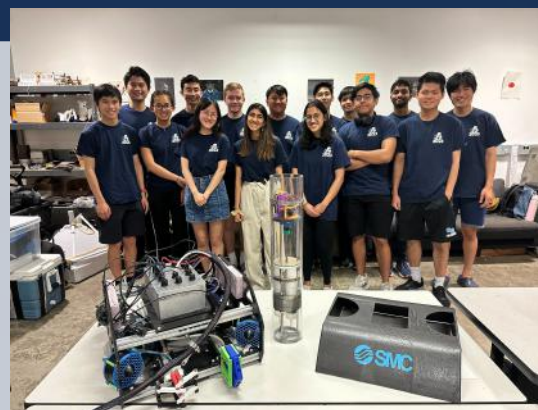
SUR 2023

- 2nd year at MATE Competition -



NAME: **GENESIS**

Distance Traveled: **1065 miles**
 Total Mass: **14 kg**
 Dimensions: **76 cm x 46 cm x 30 cm**
 Total Cost: **\$4600**
 Total Student Hours: **10,000 hours**



SPECIAL FEATURES:

- **4** specialized **arms**
- **novel** pneumatic system
- **custom printed circuit boards (PCBs)**
- **ROS Architecture**

SAFETY FEATURES:

- **Rounded** edges
- thruster **guards**
- tether **strain relief**
- **over-current** fuse
- **fully waterproof** electronics & solenoid box

AQUAFRAME

Co-Leads

Gregor MacDonald*
 George Colaco
 Andrew Yang

Employees

Junha Park*
 Scott Bloom*
 Jacob Freund*
 Sharia Alam*
 Luke Woodhouse*

DIVE-OPS

Co-Leads

Ethan Lien
 Abinab Kannan
 Bahaa Lawrence*

Employees

Allison Liu*
 Alex Mayo*
 Priya Shah
 Alexander Chen*
 Hy Ly*

ELECTRONICS

Co-Leads

Alex Xu
 Robert Aguilar*
 Benji Cruz
 Vani Sharma

Employees

Sophia Du*
 Stanley Wei*
 Daniel Hughes*
 Nikita Burger*
 Cameron Leary*

CHIEF EXECUTIVE OFFICER: Scott Cao

TEAM PRESIDENT: Daren He

*denotes new members