

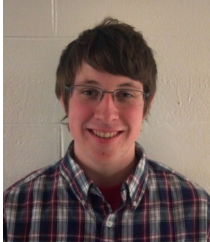


MSOE Underwater Robotics

Milwaukee School of Engineering, Milwaukee, Wisconsin

First Year Explorer Team

3205km to Federal Way, WA



Seth Opgenorth*—
Freshman, CEO,
Computer Engineer



Nick Vogt*—
Sophomore, VP,
Software Engineer



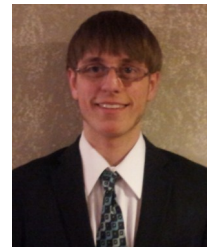
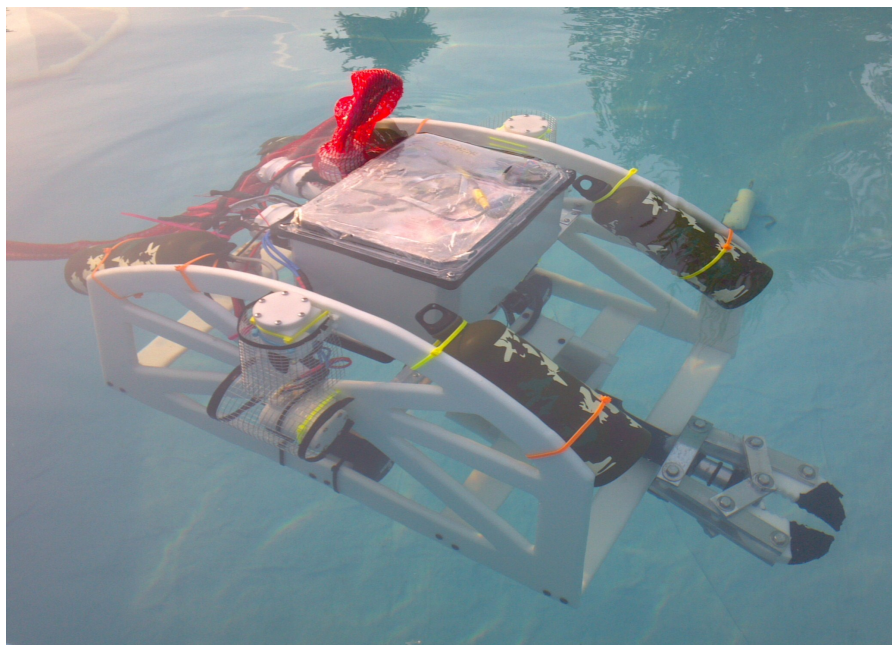
Dominic Enea*—
Sophomore, CFO,
Mechanical Engineer



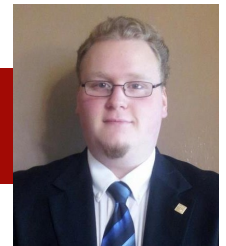
Akshay Kiritisharma—
Junior, Secretary,
Computer Engineer



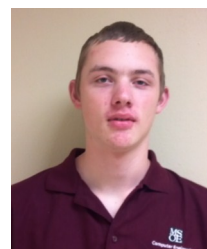
Lindsay Vogt*—
Junior, Accounting
Major



James Reed—
Sophomore,
Electrical Engineer



John Krenzer—
Sophomore,
Computer Engineer



Jeremiah Buddenhagen—
Sophomore,
Computer Engineer



Dr. Darrin Rothe—
Faculty Advisor,
Assistant Professor

Bubble's Specs

Approximate cost: \$7500

Primary materials: HDPE, aluminum, hot glue and zip ties

Approximate Dimensions: 82cm x 42cm x 58cm

Approximate Weight in air: 25kg

Safety Features: Extra fuses, warning stickers, automatic motor shut off after loss in communication, software killswitch

Special Features: Custom high efficiency brushless thrusters, wide angle color cameras, red LED under glow, laser for distance measurement, PlayStation3 controller

*have had previous ROV experience