

Daniel Resio
Dresio2016@fau.edu
(540) 903-0959

Permanent Address

3 Valley Forge Court
Fredericksburg, VA 22405

School Address

Mailbox 096-N, 1800 East University Drive
Boca Raton, FL 33431

Education:

Full-time student at Florida Atlantic University, Boca Raton, FL; Major: Ocean Engineering
Participated in the Freshman Engineering Learning Community
Participant in the FAU Mentor program

Current Classes (Fall 2018):

- Engineering Mathematics
- Engineering Materials
- Ocean Engineering Lab
- Dynamics

Software Experience:

- SolidWorks
- AutoCad Inventor
- Microsoft Office
- C, C++, C#, Java, Matlab, and Python languages

Graduated Stafford Senior High School, Falmouth, Virginia, June 2016; Honors Graduate, GPA 3.882

- Attended Virginia Commonwealth Governor's School- a challenging, competitive, differentiated and interdisciplinary program in English, Science, Mathematics, and Social Studies which includes college level classes beginning freshman year
- Four year culminating project for Governor's School: Researched and built an underwater Remotely Operated Vehicle (ROV) to include developing an adaptive control design

Work Experience:

Instructor at Premier Sailing School (2012-2014 & 2016)

- Worked as an instructor teaching kids of ages 7-15 how to sail multiple types of small sailboats
- Responsible for leading and overseeing groups of children from 9:30-3:00 daily
- Taught weekend classes to adults on small and large sailboats

Safety Coach at Rappahannock River Yacht Club during Junior Sailing (July 2017)

- Responsible for the safety of a group of about 10 children for the day while they sail

Extra-Curricular Activities:

Volunteering at Florida Atlantic University High School (2017-2018)

- Mentoring and guiding middle school Sea Perch team weekly

Marine Robotics Club (2016-Present)

- Vice President and Software Lead of Marine Robotics Club
- Team is working on an Autonomous Underwater Vehicle to compete in RobotX and RoboSub competitions
- Developing all perception software for stereo cameras

Guild Programming Club (2016-2017)

- Head programmer of a video game as well as taught students to use the programming system
- Attended OrlandoIX Conference Oct 2016

Sailing (2005-Present)

- Race small sailboats single-handed; Crew on larger sailboats
- Trained and raced with the Fishing Bay Laser Racing Team (2015)
- Rappahannock River Yacht Club Junior Sailor of the Year (2013)
- Raced in Sunfish Worlds (2011-2012)

FIRST Robotics Team- Kilroy (2011-2016)

- Team Industrial Safety Award and Team Industrial Design Award
- Competed in FIRST Robotics World Championship, St. Louis, MO, April 2016

Piano (2003-Present)

- Competed annually in multiple Virginia Federation of Music sponsored events as well as in Composition, Piano Solo, Jazz, Blues, and Sonatina Competitions (2003-2016)
- Continuing to play