

Dylan R. DeGaetano

ddegaeta@villanova.edu

Cell: (631) 991-5805

School:

51 Louella Ct Apt E
Wayne PA, 19087

Home:

85 Nims Ave
West Babylon, NY 11704

Education :

Villanova University, Villanova, PA

- B.S. Mechanical Engineering, Minor: Mechatronics GPA: 3.2

May 2015 (Prospective)

West Babylon Senior High School, West Babylon, NY

June 2011.

- Advanced Regents Degree with Honors and Foreign Language Distinction.

Engineering Skills :

Working Knowledge of: MATLAB & Simulink, SolidWorks, Microcontroller programing

Security Clearance: **Secret.**

Engineering Experience:

Naval Research Enterprise Internship Program

June 2014-August 2014

Advisor: Dr. Frank Ferrese

Research Intern

- Accepted into a highly competitive internship program where, while mentored by a naval engineer was able to continue research on autonomous systems.

Villanova University Autonomous Surface Vehicle Project

Spring 2013 - Present

Project: To design and build autonomous surface vehicles with the goal of competing in two competitions; the International RoboBoat competition, and the Maritime RobotX Challenge. For the Maritime RobotX Challenge, Villanova University teamed up with Florida Atlantic University, and they were one of only 3 teams chosen from the United States to compete in the Competition.

Advisor: C. Nataraj

Assistant RoboBoat Lead

Fall 2013- Present

- In charge of physical systems and hardware for the team.
- Researched, designed subsystems and implemented sensors.

Student Researcher

Spring 2013- Summer 2013

- Designed and built several subsystems for an autonomous boat in order to compete in the 6th International RoboBoat Competition. At which the team won the Perfect Navigation Award for autonomously navigating through a buoy channel without error. A feat no other team was able to accomplish.

Activities:

Marine Advanced Technology Education (MATE) Competition

May 2014

- Helped judge the MATE Competition, a ROV competition for high school students

Villanova ASME

Fall 2011 -Present

Social Chair, 2012 Present

- Responsibilities include: Corresponding with group members, planning, organizing, and administrating events

Villanova Graduate & Student Theaters

Fall 2011-Present

- Acted in productions at both the graduate and student theaters.