



MARINE & MARITIME CAREER FAIR “Peer to Peer Mentors”

Sam Anawalt

“The internship fueled my passion in the field of maritime engineering.”

Marine & Maritime Career Fair—February 2015
www.eycfoundation.org

Sam’s Advice to Peers:

—Putting yourself in uncomfortable situations is essential to moving forward with your goals.

—Knowing the right people can get you anywhere in life...they can guide you in the right direction on the most efficient path into a career.

—Being polite to everyone you meet and demonstrating to them what you are passionate about can take you far.

Sam Anawalt is a senior at South River High School in the STEM Magnet Program (Science, Technology, Engineering & Math) pursuing the engineering pathway offered through Project Lead the Way, the nation’s leading provider of K-12 STEM programs. Sam’s passion for maritime engineering led him to a 135 hour unpaid internship offered by AACPS in partnership with local businesses. The 17-year-old landed at **Annapolis Hybrid Marine** last summer where he focused on alternative energy, maritime, and business management in support of fitting electric motors into sailboats in place of diesel engines.

The professional work experience benefited both Sam and Annapolis Hybrid Marine. In addition to his enthusiasm and creativity, Sam brought some valuable skills and tools to his internship. “The most notable skill that I brought to the table was CAD 3d modeling various parts that needed to be manufactured such as different couplings and shafts for the motors,” says Sam. As a result, the company was able to domestically source the part rather than be dependent on unpredictable shipments from Denmark.

The hands-on learning and problem solving taught him that “actually working on different projects helped me realize that things learned in the classroom don't always apply. You can't be ready for every situation but being able to improvise with what you have and learn from the guidance of others will enable you to complete the task most times.” Sam thanks his parents for teaching him “to listen and suck up my pride when there is something to be learned from someone else. Not everything can be self-taught and there are plenty of people willing to teach.” Sam now counts **Sally Reuther, CEO of Annapolis Hybrid Marine and her husband David DiQuinzio** as important mentors in his growth.

As part of his professional experience, Sam learned a bit about the business management side of owning a company. He worked the Annapolis Boat Show to educate potential customers on company products and was tasked with outreach to previous clients to check on quality and satisfaction issues.

“Having introductory experience in a field is a great way to gain entry into other opportunities that can lead to a career” he says. As for his future, Sam is currently combining his maritime skills with his classmates who have a passion for aerospace to build a drone that could be used for applications involving water.

