

Nathan Tyler Hagan



Nathan Tyler Hagan grew up in Gainesville, VA, just a short distance from Washington, DC. With a passion for naval architecture which grew out of sailing weekends on the Chesapeake, Nathan wanted to attend Webb Institute since visiting Carderock in sixth grade. He began his career at Webb in the fall of 2008 and graduated in June, 2012. This paper represents his senior thesis on Air Bubble Lubrication for the Drag Reduction of a Flat Plate, with classmate Jack Oczeretko.

A SNAME member since entering Webb as a freshman, Nathan began his relationship with the Society in his senior year of high school, when he played a critical role in the success and expansion of the SEAPerch underwater robotics program. He was elected as a freshman as his sections Secretary/Treasurer, and quickly moved up the ladder to serve as the Section Chair. Nathan has served on the Student Steering Committee for two years, once as the Electronic Media Chair, and next as the Committee Chairman. Nathan now continues his involvement with SNAME, expanding scholarship opportunities for all student members, and serving as an YP representative for the Electronic Media Committee.

Outside of SNAME, Nathan has served as an active advocate for STEM Education, speaking at the Naval STEM Forum, and helping found the US STEM Foundation, a non-profit located in Northern Virginia. Nathan was accepted as a SMART Scholar in the 2010 Cohort, and will be working for the Naval Surface Warfare Center, Carderock Division, after graduation with the Structures Department. He spends his free time, mentoring high school students in Robotics, and volunteering at various events including Robotics Competitions and charity walks for the Juvenile Diabetes Research Foundation and the Anti-Defamation League promoting safe schools. If that wasn't enough, Nathan is also an artist, painting, and having served as the Editor in Chief for the Webb Institute yearbook, The Binnacle, and singing in the Webb Family Singers.