

NICHOLAS FORYS

EDUCATION

United States Naval Academy 2018-2022

- GPA: 3.92, Major GPA: 4.00
- Commandant's List

COURSEWORK

Beverly Hills High School – Beverly Hills, CA

- Coursework in Java, Matlab, and AutoCAD

United States Naval Academy – Annapolis, MD

- Completed sequences for Calculus, Physics, Chemistry
- Sophomore Spring Semester Coursework:
 - Dynamics
 - Thermo-Fluid Sciences
 - Principles of Mechatronics
 - Engineering Math w/ Probability and Statistics
 - Intro to Drone Tech, Intro to AI
- Will be studying abroad in Korea Fall 2020

EXPERIENCE

Summer Internship: Johns Hopkins Applied Physics Lab – Laurel, MD 2019

- Implemented AI data collection methods on robotics hardware
- Worked with Python, Raspberry Pi, and iRobot Create 2

Summer Training – Naval Station Norfolk, VA 2019

- Shadowed electronics technician crew onboard the destroyer DDG 95 James E. Williams for 3 weeks
- Observed maintenance on several systems including AEGIS, radio, and weapons

Naval Academy Science and Engineering Conference Moderator – Annapolis, MD 2019

- Annual conference inviting students from colleges around the country
- Centered on ocean conservation, exploration, and extreme events
- Led small group discussions towards a team presentation related to conservation

Intro to Drone Technology 2019

- Naval Academy elective teaching the basics of hobby drone construction, proper flight, and research applications

Intelligent Space Assembly Robot (ISAR) 2018-2019

- Development of an autonomous assembly robot to be tested onboard the ISS
 - Assisted in documenting NASA specifications and requirements

Midshipmen Without Borders 2018-2019

- Practiced with parts design for a cargo trailer adaptable to motorcycles