Colin Snow

csnow@olin.edu   Portfolio: https://colinmsnow.github.io/Portfolio/   GitHub: colinmsnow   781-915-8321

Passionate about engineering, sailing, and all things robotic. I endeavor to reinvent the way that people interact with the world around them.

Education:

Olin College of Engineering - Needham MA   May, 2022
Bachelor of Science in Engineering with computing; GPA 4.0
Relevant Courses: Machine Learning, Probabilistic Design Optimization,

Harvard Business School Online - Virtual   December, 2020
HBS CORe program: Financial Accounting, Economics for Managers, Business Analytics

Sharon High School - Sharon, MA GPA: (5.6/6)   June, 2018
Magna Cum Laude Diploma, National Honor Society, Excellence in Physics

Experience:

ThayerMahan: -Groton, CT   2021
   Created software and electronics for small autonomous open-ocean robots
   Worked on vision, remote control, wireless communications, GPS

Amazon Robotics: -Needham, MA   2021
   Senior capstone project remotely controlling a pair of robotic arms with integrated
   vision system and object recognition

Point Road Solutions: -Burlington, MA   2020
   Developed an autonomous robotic system with applications in coastal monitoring

Project MORA (Miniature Oscillating Robotic Agent): - Needham, MA   2018-2020
   Leader of small research team working on autonomous robotic fish swarms and their
   applications for environmental sensing

Teaching Assistant - NUVU School: - Cambridge, MA   2019
   Taught high school class in computer vision and robotics centering on path planning

Robotics: FTC Team 0001- Sharon High School   2014-2017

Publications:

Design of a Cable-Mounted Robot for Near Shore Monitoring - Global Oceans 2020

Leadership and Activities:

Eagle Scout   2017
Sailing Team Captain, Olin College   2018-Present

Skills:

Software: Python, C, C++, OpenCV, MATLAB, SolidWorks, Adobe Photoshop, Fusion 360
Machine Shop Trained: Composites, Mill, Lathe | Conversant in French

Hobbies:

Sailing, Cooking, Hiking, Photography, Climbing, Skiing, Thinking