

Colin Snow

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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

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-Present

Leader of small research team working on autonomous robotic fish swarms and their applications for environmental sensing

Filament Winder: - Needham, MA 2019-Present

Designed, built, and programmed a machine to create strong composite tubes

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