

# Colin Snow

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Portfolio: <https://colinmsnow.github.io/Portfolio/>

GitHub: [colinmsnow](#)

781-915-8321

Passionate about engineering 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, Principles of Engineering

**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

**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++, C#, Unity, OpenCV, MATLAB, SolidWorks, Photoshop, Fusion 360

Machine Shop Trained: Composites, Mill, Lathe | Conversant in French

## Hobbies:

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