

# Colin Snow

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csnow@olin.edu    Portfolio: <https://colinmsnow.github.io/Portfolio/index.html>    GitHub: [colinmsnow](#)    781-915-8321

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

## Education:

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**Olin College of Engineering** - Needham MA May, 2022

Bachelor of Science in Engineering with computing; GPA 4.0

Relevant Courses: Machine Learning, Quantitative Engineering Analysis, Principles of Engineering

**Sharon High School** - Sharon, MA GPA: (5.6/6) June, 2018

Magna Cum Laude Diploma, National Honor Society, Excellence in Physics

## Experience:

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**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

Lead robot designer facilitating CAD, iterative design, and 3D printing

Implemented computer-vision algorithms for autonomous operation

## Publications:

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

## Leadership and Activities:

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Eagle Scout 2017

Sailing Team Captain, Olin College 2018-Present

Compete across New England in the New England Interscholastic Sailing Association

Volunteer -ReMember, Oglala Lakota Indian Reservation, South Dakota 2016

Building projects to improve living conditions for the Lakota people

## Skills:

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Software: Python, C++, OpenCV, SolidWorks, MATLAB, Adobe Photoshop, Fusion 360

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

## Hobbies:

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