
EMMA DOHERTY

Hinman Box 02117 Dartmouth College (206)-434-8704 emma.21@dartmouth.edu

EDUCATION

DARTMOUTH COLLEGE AND THAYER SCHOOL OF ENGINEERING Hanover, NH
June 2021 Bachelor of Arts in Engineering Sciences, Spanish Minor (Dartmouth College) and Bachelor of Engineering with a concentration in Materials and Industrial Ecology (Thayer School of Engineering)
Sept-Dec 2019 Technical University of Denmark, Lyngby, Denmark
March-May 2019 el Instituto Torcuato di Tella, Buenos Aires, Argentina

LEADERSHIP AND WORK EXPERIENCE

THAYER SCHOOL OF ENGINEERING Hanover, NH

Winter 2019 - Present Teacher's Assistant for ENGS21: Introduction to Engineering

- Guided two teams of students through need-finding, product development, iteration
- Resolved group dynamics issues

Summer 2019 - Present Tour Guide

- Give tours of Thayer School to prospective undergraduate students and other visitors

DARTMOUTH OUTING CLUB Hanover, NH

Summer 2019 Vice President

- Organized online records
- Planned and organized logistics of 80 person party

Winter 2018 Break Trip Leader

- Co-led and -planned a 12-person, 14-day backpacking trip in Hawaii

Spring 2017 - Present Hiking and Flatwater Leader

- Plan and lead various day and overnight outdoor trips for other students

PARFAIT ICE CREAM Seattle, WA

Summer 2018 Front of House and Scooper

- Attended to and served customers

SKILLS AND ABILITIES

Fourier Transform Infrared Spectrometer; Standard Electron Microscope; Sander and Polisher; Ultraviolet-Visible-Near Infrared Spectrophotometer; Coding: C and MatLab; Laser cutter; 3D printing; Basic wood shop skills; CAD with Solidworks; Presenting; Customer Service; Conversationally fluent in Spanish

ACHIEVEMENTS

Rick Angulo World Experience Award (Spring 2019) Frank J. Guarini Institute for my "intellectual openness, enthusiasm and impressive academic performance"

Phillip R. Jackson Award (Fall 2018) Thayer School of Engineering for the design and construction of electrically-heated anti-fogging safety glasses prototype

INTERESTS

Sustainable materials; Biomimicry; Industrial Ecology; Cradle-to-Cradle design; Spanish