

## **Maeve Cantwell**

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### **Education:**

University of Hartford, West Hartford, CT

Major: B.S. in Mechanical Engineering – Acoustics Concentration

Minors: Math, Architectural Design + Technology

Expected Graduation Date: May 2021 GPA: 3.93

#### Relevant Courses:

- Fundamentals of Architectural and Musical Acoustics (Covered basic acoustic principles)
- Vibrations I with Applications (Learned about simple free and forced vibrating systems)

#### Extracurriculars:

- Acoustical Society of America
- Society of Women Engineers
- Tau Beta Pi Engineering Honor Society
- National Society for Leadership and Success
- Alpha Lambda Delta National Honor Society
- Alpha Chi National Honor Society

### **Work Experience:**

Statics Teaching Assistant, College of Engineering, Technology, and Architecture Fall 2019  
*University of Hartford, West Hartford, CT*

- I taught a review class to go over basic skills and practice problems for students struggling in statics
- Enhanced my leadership and communication skills

Peer Tutor, University of Hartford Centralized Tutoring Center Fall 2018-Present  
*University of Hartford, West Hartford, CT*

- I give aid and advice to students struggling in math, science, and engineering courses
- Enhances my problem-solving, communication, and small-scale leadership skills

Lab Assistant, Acoustics Laboratory Spring 2019  
*University of Hartford, West Hartford, CT*

- I did background research and gave design advice to two seniors working on their capstone project
- Increased my understanding of current and historical acoustic research

#### Internship:

Intern, Cerami and Associates Summer 2019  
*Cerami and Associates, New York, NY*

- I worked in the D.C. office helping with reports, drawing markups, and measurements on job sites
- Gave me skills needed to work as an acoustic consultant

### **Projects:**

- Static- and frequency-based analysis of tension in cello strings – Honors Class Project/Experiment
- Body Image and First Impression Bias – Gender Studies Elective Project/Experiment
- Granby Memorial Middle School acoustic analysis and recommendations – Acoustics Project
- Bear Mountain Lodge – Architectural Design Project

### **Additional Experiences and Skills:**

- Programming Languages: C++ and MATLAB
- Basic woodshop skills
- Strong public speaking skills
- Software: SketchUp, Solidworks, Autodesk CAD and REVIT
- Languages: Some American Sign Language, conversant and literate in French
- Attending WE19 National Conference, 2019
- Honors student
- Instruments: Cello and Mountain Dulcimer