{% include base_path %}

Education

- B.S. in Electrical Engineering, Auburn University 2019
- M.S. in Electrical Engineering, Auburn University 2020
- PhD in Electrical Engineering, University of Washington (2025)

Relevant Work experience

- Graduate Teaching Assistant, May 2019 - May 2020
- Auburn University
- Undergraduate Signals and Systems

- Designed and wrote undergraduate lab for signals and systems and was the lead T.A. for the class for two semesters.

- Graduate Researcher, June 2020 - **present**

- University of Washington

- Explore information that can be learned about the ocean using ambient sound recorded by OOI hydrophones

- Summer Intern, June 2022 - September 2022

- Applied Research in Acoustics
- Used deep learning to investigate effects of using tidal forcing in HYCOM simulation

Experience with

- larger than memory datasets
- geo-spatial data
- distributed computing with dask
- xarray
- python
- pytorch
- machine learning / deep learning
- digital signal and image processing
- probability and random processes

Publications

{% for post in site.publications %} {% include archive-single-cv.html %} {% endfor %}

Talks

{% for post in site.talks %} {% include archive-single-talk-cv.html %} {% endfor %}

Teaching

{% for post in site.teaching %} {% include archive-single-cv.html %} {% endfor %}