

KATHERINE MELTON

Email: dennisjacob@day.net
Education Level: PhD
Major: Business Analytics

Desired Role: RA
Research Interests: Climate Change Modeling

Education:

Stanford University

B.S. in Business Analytics,

Expected Graduation: May 2026

Relevant Coursework:

Climate Change Modeling, Data Science Fundamentals, Applied Machine Learning

Skills:

React, Docker, Machine Learning, R

Experience:

Undergraduate Research Assistant

Department of Business Analytics, Stanford University

Sep 2023 – Present

- Worked on projects related to climate change modeling using tools like React, Docker, Machine Learning.
- Contributed to literature reviews and helped design experiments.
- Assisted with data collection and preliminary analysis for research papers.

Academic Project

"Climate Change Modeling Analysis using AI"

- Built a project that applies concepts from ML and statistics to study topics in Climate Change Modeling.
- Presented findings in class and received excellent feedback from faculty.

Hobbies & Interests:

- Creative writing
- Chess and strategy games
- Volunteering in local shelters