

# 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