

# KATELYN DAWSON

**Email:** imathis@graham-flowers.com  
**Education Level:** PhD  
**Major:** Dance

**Desired Role:** TA  
**Research Interests:** Smart Cities

## **Education:**

Georgia Institute of Technology

### **B.S. in Dance,**

Expected Graduation: May 2025

### **Relevant Coursework:**

Smart Cities, Data Science Fundamentals, Applied Machine Learning

## **Skills:**

JavaScript, NumPy, MATLAB, C++, Computer Vision, React, Linux

## **Experience:**

Undergraduate Research Assistant

Department of Dance, Georgia Institute of Technology

Sep 2022 – Present

- Worked on projects related to smart cities using tools like JavaScript, NumPy, MATLAB.
- Contributed to literature reviews and helped design experiments.
- Assisted with data collection and preliminary analysis for research papers.

Academic Project

"Smart Cities Analysis using AI"

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

## **Hobbies & Interests:**

- Volunteering in local shelters
- Open-source contributions
- Music production