

# FREDERICK BARNETT

**Email:** erin01@yahoo.com  
**Education Level:** PhD  
**Major:** Kinesiology

**Desired Role:** TA  
**Research Interests:** Genomics

## **Education:**

Carnegie Mellon University

### **B.S. in Kinesiology,**

Expected Graduation: May 2025

### **Relevant Coursework:**

Genomics, Data Science Fundamentals, Applied Machine Learning

## **Skills:**

Docker, Scikit-learn, TensorFlow, Natural Language Processing, Keras, Python, C++

## **Experience:**

Undergraduate Research Assistant

Department of Kinesiology, Carnegie Mellon University

Sep 2023 – Present

- Worked on projects related to genomics using tools like Docker, Scikit-learn, TensorFlow.
- Contributed to literature reviews and helped design experiments.
- Assisted with data collection and preliminary analysis for research papers.

Academic Project

"Genomics Analysis using AI"

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

## **Hobbies & Interests:**

- Blog writing
- Open-source contributions
- Chess and strategy games