# 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