Project student will be supporting:
Deep Learning in Computational Biology

Sponsor:
Ashok Cutkosky

Hours per week
Spring 2024: up to 10 hours per week; Summer 2024: up to 40 hours per week; Fall 2024: up to 10 hours per week

Paid?
Summer only

Job description
We want to apply modern machine learning to understand biology, and in particular how DNA sequences inform how a cell operates. However, no actual background in biology is required for this role (although some interest is ideal)! Working on this project involves building a machine learning pipeline for large-scale datasets as well as tuning model performance.

Qualifications:
Python programming experience. Familiarity with pytorch, tensorflow, or JAX is ideal, but not necessary. Basic machine learning experience (at the level of EC414). Background in deep learning (EC523) is ideal but not necessary.