Ian Kendall Bunner

Contact Information

Email: ian.k.bunner@gmail.com

Website: ian-bunner.github.io

Github: https://github.com/ian-bunner

Education

University of Southern California May 2020

Bachelor of Science, Quantitative Biology
Minor in Computer Science
Cumulative GPA: 3.83/4.0

Research Experience

Theoretical & Empirical Data Science Lab December 2018-Present

Gradient based meta-reinforcement learning
Deep reinforcement learning engineering

The Rohs Lab *(USC)* May 2018-August 2018

Physical basis of differential transcription factor affinity

Gordan Lab *(Duke)* May 2018-July 2018

Modelling transcription factor affinity for non-Watson-Crick base pairs

Projects

learn2learn (contributor): meta-learning library written on top of PyTorch

related blog post: Making Meta-Learning Easily Accessible on PyTorch

cherry (contributor): reinforcement learning library for researchers

Teaching

Teaching Assistant, USC Fall 2018-Present

Sp 2019 — CS104: *Data Structures**

Fa 2019 — CS104: *Data Structures**, CS170: *Discrete Math*

Su 2019 — CS104: *Data Structures*, CS170: *Discrete Math*

Sp 2019 — CS104: *Data Structures*, CS170: *Discrete Math*

Fa 2018 — CS102: *Fundamentals of Computation*

* - Head TA

Student Instructor, Sigma Coding August 2018-November 2018

Awards

First Place, PyTorch Summer '19 Hackathon

Technical Skills

Languages

Object Oriented: C++11, Python, Go

Functional: Racket

Logical: Prolog

*Interested in spending some time to learn Rust and C++20.

Tools

PyTorch, Numpy, LaTeX, RPM Distros

Athletics

Currently staying fit by playing pick-up basketball, biking, and learning tennis. I've been developing my jump-shot and working on using my right hand to drive to the basket. Three sport athlete in High School (soccer, swimming, baseball).