

Ian Kendall Bunner

Contact Information

Email: ian.k.bunner@gmail.com

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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

Teaching

Teaching Assistant, USC

Fall 2018-Present

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

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 Watson-Crick base pairs

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, L^AT_EX, RPM Distros

Projects

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

[cherry](#) (contributor): reinforcement learning library for researchers

[nnpy](#) (*owner*, *IP*): simple neural network implementation for students in USC's undergraduate optimization course

Awards

First Place, PyTorch Summer '19 Hackathon

Athletics

Currently staying fit by playing pick-up basketball, biking, and learning tennis. Three sport athlete in High School (soccer, swimming, baseball).