

Russell Mendonca

russellm@berkeley.edu

EDUCATION

University of California, Berkeley 2016 - Present
B.S. in Electrical Engineering and Computer Science GPA: 3.82

Selected Coursework : Advanced Robotics* (A), Linear Systems Theory* (A), Deep Reinforcement Learning* (A), Sequential Decision Making under Uncertainty* (A), Machine Learning (A), Optimization (A), Stochastic Processes (A), Real Analysis (A+), Signals&Systems (A)

* - indicates graduate coursework

HONORS/AWARDS

Finalist, CRA Outstanding Undergraduate Researcher Award 2019
UC Berkeley EECS Honors Program September 2018 - Present
UC Berkeley College of Engineering Honors to Date December 2016 - Present

EXPERIENCE

Berkeley Artificial Intelligence Research Lab February 2017 - Present
Undergraduate Researcher

I work with Prof. Sergey Levine on multi-task reinforcement learning for continuous control. My main focus has been dealing with challenges in meta-learning, or “learning to learn” from multi-task data.

Robotics@Berkeley August 2016 - Dec 2017
Project Designer

Projects include designing and building a low-cost motorized, elbow prosthetic for the Range of Motion Project (won first place), and a snack-delivery robot (won third place). Worked on electrical engineering and software.

PUBLICATIONS

Decoupled Meta Learning with Structured Latents
Russell Mendonca, Sergey Levine, Chelsea Finn
Accepted to Meta-Learning Workshop NeurIPS 2019

Consistent Meta-RL via Model Identification and Experience Relabelling
Russell Mendonca*, Xinyang Geng*, Chelsea Finn, Sergey Levine
In Submission to the International Conference on Learning Representations (ICLR) 2020

Guided Meta-Policy Search
Russell Mendonca, Abhishek Gupta, Rosen Kralev, Pieter Abbeel, Sergey Levine, Chelsea Finn
Published (spotlight talk) at the Conference on Neural Information Processing Systems (NeurIPS) 2019

Meta Reinforcement Learning of Structured Exploration Strategies
Abhishek Gupta, **Russell Mendonca**, YuXuan Liu, Pieter Abbeel, Sergey Levine
Published (spotlight talk) at the Conference on Neural Information Processing Systems (NeurIPS) 2018

TEACHING

Convex Optimization* (EE 227B) Fall 2018
Course Reader : Proof reading and grading the homeworks and tests

Machine Learning (CS 189) Spring 2018
Academic Intern : Guiding students on homework problems