

Kai Fukazawa

(+1) 530-376-4215 | kfukazawa@ucdavis.edu | <https://kaifukazawa.github.io>

EDUCATION

University of California, Davis

September 2021 - Present

Ph.D. in Mechanical Engineering, GPA: (3.8/4.0)

Research Focus: Reinforcement Learning, Imitation Learning, Generative Models, Robotics

Supervised by Dr. Iman Soltani

Kogakuin University

B.E. in Mechanical Engineering

April 2016 - March 2020

Harvey Mudd College

Engineering Exchange Program

Jan 2019 - May 2019

EXPERIENCE

OIST

Research Internship

January 2021 - September 2021

[Project Report](#)

PUBLICATIONS

RAMAC: Multimodal Risk-Aware Offline Reinforcement Learning and the Role of Behavior Regularization

Accepted to ICML 2026

K. Fukazawa, K. Mundada, I. Soltani

[Project Page](#) | [Paper](#) | [Code](#)

Gaze on the Prize: Shaping Visual Attention with Return-Guided Contrastive Learning

2025

A. Lee, I. Chuang, D. Gao, K. Fukazawa, I. Soltani

Preprint

[Project Page](#) | [Paper](#)

WORKING PROJECTS

Mitigating Compounding Errors in Imitation Learning

K. Fukazawa, I. Soltani

February 2026 – Present

We are developing an approach to reduce compounding errors in imitation learning without complicating the learning pipeline. Our preliminary experiments show consistent improvements of **10-15%** over standard imitation learning baselines, including diffusion policies. We are also working toward real-world bimanual manipulation with ALOHA.

TEACHING

Teaching Assistant

Jan 2022 – Present

University of California, Davis

Courses: Numerical Analysis, Control Systems & Theory, Dynamics, Vehicle & Transportation Systems

HONORS

Sigma Xi, The Scientific Research Honor Society

April 2026 - Present

Nominated for Associate Membership.

Fuji Seal Global Scholarship

April 2018 - March 2020

Fuji Seal International Foundation. 2-year award, \$12000 total.

SKILLS

Programming: Python, C/C++, MATLAB, R, Java

Machine Learning: PyTorch, TensorFlow, JAX, Gym

Others: MuJoCo, PyBullet, Linux, Git, CUDA, OpenCV, Raspberry Pi

Language: English (Fluent), Japanese (Naitve)