

# Kuno Kim

Contact: khkim@cs.stanford.edu

## EDUCATION & BACKGROUND

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**Stanford University | Ph.D Computer Science, Advisor: Stefano Ermon, GPA: 4.0**  
Sep 2018 – | Stanford, CA

**California Institute of Technology | B.S. Computer Science, GPA: 4.2 (First place among class of 2018)**  
Sep 2012 – Jun 2018 | Pasadena, CA

**Signal Intelligence Lab | Republic of Korea Army**  
Sep 2014 – May 2016 | Camp Humphreys, South Korea

## HIGHLY REFEREED CONFERENCE PUBLICATIONS

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**Understanding and Adopting Rational Behavior by Bellman Score Estimation**  
Kuno Kim, Stefano Ermon, ICLR 2023 (spotlight)

**LISA: Learning Interpretable Skill Abstractions from Language**  
Divyansh Garg, Skanda Vaidyanath, Kuno Kim, Jiaming Song, Stefano Ermon, NeurIPS 2022

**Self-Similarity Priors: Neural Collages as Differentiable Fractal Representations**  
Michael Poli, Winnie Xu, Stefano Massaroli, Chenlin Meng, Kuno Kim, Stefano Ermon, NeurIPS 2022

**Reward Identification in Inverse Reinforcement Learning**  
Kuno Kim, Kirankumar Shiragur, Shivam Garg, Stefano Ermon, ICML 2021 (spotlight)

**Imitation with Neural Density Models**  
Kuno Kim, Akshat Jindal, Yang Song, Jiaming Song, Yanan Sui, Stefano Ermon, NeurIPS 2021

**Domain Adaptive Imitation Learning**  
Kuno Kim, Yihong Gu, Jiaming Song, Shengjia Zhao, Stefano Ermon, ICML 2020 (spotlight)

**Active World Model Learning with Progress Curiosity**  
Kuno Kim, Megumi Sano, Julian De Freitas, Nick Haber, Daniel Yamins, ICML 2020

**Context Embedding Networks**  
Kuno Kim, Oisín Mac Aodha, Pietro Perona, CVPR 2018

**ThreeDWorld: A Platform for Interactive Multi-Modal Physical Simulation**  
Chuang Gan, ..., Kuno Kim (11<sup>th</sup> author), ..., Daniel Yamins, NeurIPS 2021

**Quantifying Performance of Bipedal Standing with Multi-channel EMG**  
Yanan Sui, Kuno Kim, Joel W. Burdick, IROS 2017

## JOURNAL PUBLICATIONS

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**Real-Time In Vivo Intraocular Pressure Monitoring using an Optomechanical Implant and Artificial Neural Networks**  
Kuno Kim, Jeong Oen Lee, Juan Du, David Sretavan, Hyuck Choo, IEEE Sensors Journal, vol. 17, no. 22, 2017 (Best Paper Nominee)

## SELECTED AWARDS & FELLOWSHIPS

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**JP Morgan Chase PhD Fellowship | - JP Morgan Chase**  
Awarded to senior PhD students with exceptional research in AI

**Gwanjeong Graduate Fellowship | - Gwanjeong Educational Foundation**  
Fellowship awarded to top students in Korea pursuing a graduate degree abroad

**Stanford CS Department Fellowship | - Stanford University**  
Fellowship awarded by the CS department to a few top first year PhDs

**Henry Ford II Scholar Award | - Caltech**  
Scholarship (\$5000) awarded to an engineering student with the best academic record.

**International Young Physicists' Tournament (IYPT) Gold Medal**  
Biggest world-wide physics research competition for high-school students