SEOHONG PARK

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EDUCATION

University of California, Berkeley   Aug 2022 - Present
Ph.D. student in Computer Science   *Berkeley, CA*

Seoul National University   Mar 2014 - Aug 2022
B.S. in Computer Science and Engineering   *Seoul, Korea*
GPA: 4.26/4.3 (cumulative), 4.3/4.3 (major)
Leave of absence for military service: Sep 2017 - Sep 2020 (3 years)

The University of Tokyo   Sep 2016 - Feb 2017
Exchange student   *Tokyo, Japan*

Seoul Science High School   Mar 2011 - Feb 2014
High school for gifted students in mathematics and science   *Seoul, Korea*

PUBLICATIONS AND PREPRINTS

Preprints (*: equal contribution)

1. Junsu Kim*, **Seohong Park***, Sergey Levine
   Unsupervised-to-Online Reinforcement Learning
   Preprint

Publications (*: equal contribution)

1. **Seohong Park**, Kevin Frans, Sergey Levine, Aviral Kumar
   Is Value Learning Really the Main Bottleneck in Offline RL?
   Neural Information Processing Systems (**NeurIPS**), **2024**
   ICML 2024 ARLET Workshop (**Oral**)

2. **Seohong Park**, Tobias Kreiman, Sergey Levine
   Foundation Policies with Hilbert Representations
   International Conference on Machine Learning (**ICML**), **2024**

3. Kevin Frans, **Seohong Park**, Pieter Abbeel, Sergey Levine
   Unsupervised Zero-Shot Reinforcement Learning via Functional Reward Encodings
   International Conference on Machine Learning (**ICML**), **2024** (**Spotlight**)

4. **Seohong Park**, Oleh Rybkin, Sergey Levine
   METRA: Scalable Unsupervised RL with Metric-Aware Abstraction
   International Conference on Learning Representations (**ICLR**), **2024** (**Oral**)

5. **Seohong Park**, Dibya Ghosh, Benjamin Eysenbach, Sergey Levine
   HIQL: Offline Goal-Conditioned RL with Latent States as Actions
   Neural Information Processing Systems (**NeurIPS**), **2023** (**Spotlight**)

6. **Seohong Park**, Kimin Lee, Youngwoon Lee, Pieter Abbeel
   Controllability-Aware Unsupervised Skill Discovery
   International Conference on Machine Learning (**ICML**), **2023**

7. **Seohong Park**, Sergey Levine
   Predictable MDP Abstraction for Unsupervised Model-Based RL
   International Conference on Machine Learning (**ICML**), **2023**

8. Jaekyeom Kim, **Seohong Park**, Gunhee Kim
   Constrained GPI for Zero-Shot Transfer in Reinforcement Learning
   Neural Information Processing Systems (**NeurIPS**), **2022**

9. **Seohong Park**, Jongwook Choi*, Jaekyeom Kim*, Honglak Lee, Gunhee Kim
   Lipschitz-constrained Unsupervised Skill Discovery
   International Conference on Learning Representations (**ICLR**), **2022**
   Gold Prize (1st Place in Signal Processing), Samsung Humantech Paper Award

10. **Seohong Park**, Jaekyeom Kim, Gunhee Kim
    Time Discretization-Invariant Safe Action Repetition for Policy Gradient Methods
    Neural Information Processing Systems (**NeurIPS**), **2021**

11. Jaekyeom Kim*, **Seohong Park***, Gunhee Kim
    Unsupervised Skill Discovery with Bottleneck Option Learning
    International Conference on Machine Learning (**ICML**), **2021**

WORK EXPERIENCE

Devsisters
Machine Learning Engineer   Sep 2018 - Sep 2020
   · Worked as part of the mandatory military service in the Republic of Korea

Ace Project
Software Engineer   Sep 2017 - Aug 2018
   · Worked as part of the mandatory military service in the Republic of Korea

HONORS AND AWARDS

Scholarships

   · **KFAS Overseas PhD Scholarship**   Aug 2022 - Present
   Korea Foundation for Advanced Studies (KFAS)
   Full tuition, insurance, and living expenses support for graduate studies
   · **Berkeley Fellowship**   Aug 2022 - Aug 2023
   · **Presidential Science Scholarship**   Mar 2014 - Aug 2022
   Korea Student Aid Foundation (KOSAF)
   Full tuition and living expenses support for undergraduate studies

Awards

   · **Gold Prize** (**1st Place** in Signal Processing), Samsung Humantech Paper Award   Jan 2022

Programming Contests (Selected)

   · **2nd Place**, ACM-ICPC Asia Daejeon Regional Contest   Nov 2016
   · **1st Place**, Google Code Jam Round 1C   May 2016
   · **3nd Place**, ACM-ICPC Asia Daejeon Regional Contest   Nov 2015
   · **1st Place**, ACM-ICPC Asia Daejeon Regional Preliminary Contest   Oct 2015
   · **1st Place**, Korea Olympiad in Informatics (KOI)   Jul 2012

SERVICES

Reviews

· **Conferences**: ICML (2023, 2024), NeurIPS (2023, 2024), ICLR (2023, 2024), IROS (2024)
· **Workshops**: ICML Frontiers4LCD (2023), NeurIPS FMDM (2023)