

Jee Won (Kyra) Park

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SUMMARY

A collaborative and creative machine learning researcher with a track record of consistently learning new skills with professional and personal mentors.

MACHINE LEARNING PUBLICATIONS

- Y. Jinnai, **J. Park**, D. Abel, G. Konidaris: *Discovering Options for Exploration by Minimizing Cover Time*. Proceedings of the International Conference on Machine Learning (ICML), 2019.
- Y. Jinnai, **J. Park**, M. Machado, G. Konidaris: *Exploration in Reinforcement Learning with Deep Covering Options*. Proceedings of the International Conference on Learning Representations, 2020.

PROFESSIONAL EXPERIENCE

1. Life Art K, **Founder and Artist** Greater Boston, MA, US, Dec 2023 - Current
 - Creates original paintings and prints, maintains the vendor website and social media marketing.
2. Simon Fraser University, **PhD Student, Computer Science** BC, Canada, Sep 2021 - Dec 2023
 - Spearheaded decision-making algorithms for autonomous driving at intersections, combining control theory and machine learning to provide safety guarantees for up to three vehicles.
3. Odin Partners, **Analyst** Seoul, Korea, Sep 2020 - Feb 2021
 - Played a key role in recommending an investment in a company that experienced a remarkable 24% increase in value.
4. Brown University Computer Science, **Researcher** RI, US, June 2018 – Jan 2020
 - Wrote unit tests in Python, asked clarifying questions, and received feedback from faculty to find and fix major algorithmic errors, heavily contributing to a publication at ICML.
 - Identified opportunities in a then unpublished paper on probability theory that served as the theoretical foundation for publication at a top-tier Machine Learning conference (ICLR).
 - Developed algorithms in hierarchical reinforcement learning to expedite environment exploration.

EDUCATION

Brown University, Applied Mathematics, Bachelor's RI, USA, Class of 2019
Activities: Brown Club Swimming, Brown Human Robot Interaction (HRI) Lab.

SKILLS

- *Programming Languages*: Python, Java, SQL, C++, Rest API.
- *Machine Learning*: Supervised/Unsupervised Learning, PyTorch, Tensorflow2, Deep Learning, Computer Vision, Reinforcement Learning, Statistics, Probability Theory, Hugging Face.
- *Robotics*: Linux, Docker, Modeling Dynamical Systems, Deepmind Control Suite/Mujoco, ROS.
- *Languages*: English and Korean (bilingual), French (conversational).