

Kevin Lu

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Education

University of California, Berkeley

B.S. in Electrical Engineering and Computer Sciences, Class of 2022
GPA: 4.00/4.00

Aug 2018 - Aug 2021

Experience

Facebook Artificial Intelligence Research

AI Resident

Advised by Amy Zhang and Yuandong Tian.

Aug 2021 - Aug 2022

Robot Learning Lab

Undergraduate Researcher

Advised by Igor Mordatch, Aditya Grover, and Pieter Abbeel. Broadly working on AI and reinforcement learning.

June 2019 - Aug 2021

Hearst Lab

Undergraduate Researcher

Advised by Katie Stasaski and Marti Hearst. Worked on project focused on natural language processing and education.

Sept 2018 - Mar 2019

Publications

"Decision Transformer: Reinforcement Learning via Sequence Modeling."

L. Chen*, [K. Lu](#)*, A. Rajeswaran, K. Lee, A. Grover, M. Laskin, P. Abbeel, A. Srinivas[†], I. Mordatch[†].
arXiv preprint 2021.

"Pretrained Transformers as Universal Computation Engines."

[K. Lu](#), A. Grover, P. Abbeel, I. Mordatch.
arXiv preprint 2021.

"Reset-Free Lifelong Learning with Skill-Space Planning."

[K. Lu](#), A. Grover, P. Abbeel, I. Mordatch.

International Conference on Learning Representations, 2021. [Contributed talk](#) at NeurIPS 2020 Deep RL Workshop.

"Efficient Empowerment Estimation for Unsupervised Stabilization."

R. Zhao, [K. Lu](#), P. Abbeel, S. Tiomkin.

International Conference on Learning Representations, 2021.

"Adaptive Online Planning for Continual Lifelong Learning."

[K. Lu](#), I. Mordatch, P. Abbeel.

[Contributed talk](#) at NeurIPS 2019 Deep RL Workshop.

* denotes equal contribution. [†] denotes equal advising.

Teaching

University of California, Berkeley

Head Teaching Assistant, Probability and Random Processes (EECS 126)

Head TA for UC Berkeley's upper division probability course, responsible for organizing course and content creation.

Aug 2020 - May 2021

Teaching Assistant, Probability and Random Processes (EECS 126)

TA for UC Berkeley's upper division probability course, responsible for teaching discussion and grading.

Aug 2019 - May 2020

Reader, Discrete Math and Probability (CS 70)

Grading assistant for UC Berkeley's introductory discrete math and probability course.

Jan 2019 - May 2019

Invited Talks

IBM, "Pretrained Transformers as Universal Computation Engines."	Apr 2021
Facebook AI Research, "Pretrained Transformers as Universal Computation Engines."	Apr 2021
Berkeley Vision Group, "Pretrained Transformers as Universal Computation Engines."	Apr 2021
Cohere, "Pretrained Transformers as Universal Computation Engines."	Mar 2021

Academic Activities

Conference Reviewer: NeurIPS (2021)

Selected Coursework

CS 294: Deep Unsupervised Learning

CS 288: Natural Language Processing

CS 287: Advanced Robotics

EE 290: Theory of Bandits and Reinforcement Learning

EE 290: Population Games

Stat 240: Robust and Nonparametric Statistics

Stat 210A: Theoretical Statistics

CS 189: Machine Learning

CS 188: Artificial Intelligence

EECS 127: Convex Optimization

EECS 126: Probability and Random Processes