

EDUCATION

The University of Texas at Austin

Ph.D., Computer Science

2020 – present

Adviser: Prof. Yuke Zhu

GPA: 4.0/4.0

University of California, Berkeley

M.S., Electrical Engineering and Computer Science

2019 – 2020

Adviser: Prof. Sergey Levine

GPA: 4.0/4.0

B.A., Computer Science

2015 – 2019

GPA: 3.97/4.0

Selected coursework: Deep Reinforcement Learning, Deep Unsupervised Learning, Robot Learning, Human-Robot Interaction, Convex Optimization, Linear System Theory, Perception, Sensory-Motor Systems

RESEARCH EXPERIENCE

Robot Perception and Learning Lab (RPL), UT Austin

2020 – present

Advised by Professor Yuke Zhu

Research Focus: Robot Learning, Robot Manipulation, Imitation Learning

Robotic AI & Learning Lab (RAIL), UC Berkeley

2016 – 2020

Advised by Professor Sergey Levine

Research Focus: Deep Reinforcement Learning, Planning, Representation Learning

Molecular Cell Biomechanics Lab, UC Berkeley

2015 – 2016

Advised by Professor Mohammad Mofrad

Research Focus: NLP, Machine Learning for Health

PUBLICATIONS

Augmenting Reinforcement Learning with Behavior Primitives for Diverse Manipulation Tasks

Soroush Nasiriany, Huihan Liu, Yuke Zhu

In submission

What Matters in Learning from Offline Human Demonstrations for Robot Manipulation

Ajay Mandlekar, Danfei Xu, Josiah Wong, Soroush Nasiriany, Chen Wang, Rohun Kulkarni,

Li Fei-Fei, Silvio Savarese, Yuke Zhu, Roberto Martín-Martín

Conference on Robot Learning (CoRL), 2021

Oral Presentation

DisCo RL: Distribution-Conditioned Reinforcement Learning for General-Purpose Policies

Soroush Nasiriany*, Vitchyr H. Pong*, Ashvin Nair*, Alexander Khazatsky, Glen Berseth, Sergey Levine

IEEE International Conference on Robotics and Automation (ICRA), 2021

Planning with Goal-Conditioned Policies

Soroush Nasiriany*, Vitchyr H. Pong*, Steven Lin, Sergey Levine

Advances in Neural Information Processing Systems (NeurIPS), 2019

A Comprehensive Guide to Machine Learning

Soroush Nasiriany, Garrett Thomas, William Wei Wang, Alex Yang, Jennifer Listgarten, Anant Sahai

CS 189 Official Course Textbook, 2018

snasiriany.me/files/ml-book.pdf

Text Analysis and Automatic Triage of Posts in a Mental Health Forum

Ehsaneddin Asgari, **Soroush Nasiriany**, Mohammad R.K. Mofrad

NAACL-HLT Workshop on Computational Linguistics and Clinical Psychology, 2016

TEACHING AND SERVICE

CS 343: Artificial Intelligence, UT Austin

CS 189: Machine Learning, UC Berkeley

Lead developer of official course guide: snasiriany.me/files/ml-book.pdf

CS 285: Deep Reinforcement Learning, UC Berkeley

Reviewer for CoRL 2021, NeurIPS 2021, IEEE RA-L 2021, ICLR 2022

Organizer of [UT Robot Learning Reading](#)

INDUSTRY EXPERIENCE

Software Engineering Intern, Facebook

2017

Worked on internal Apache ZooKeeper distributed system