Soroush Nasiriany

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EDUCATION

University of Texas at Austin
Ph.D., Computer Science   2020 – present
    Adviser: Prof. Yuke Zhu

University of California, Berkeley
M.S., Electrical Engineering and Computer Science   2019 – 2020
    Adviser: Prof. Sergey Levine
    GPA: 4.00/4.00

B.A., Computer Science   2015 – 2019
    GPA: 3.97/4.00

Selected coursework: Machine Learning, Deep Reinforcement Learning, Deep Unsupervised Learning, Advanced Robotics, Robot Learning, Human Robot Interaction, Convex Optimization, Linear System Theory

PREVIOUS EXPERIENCE

Robotic AI & Learning Lab (RAIL), UC Berkeley   2016 – 2020
Researcher with Prof. Sergey Levine
Topics: Deep Reinforcement Learning, Planning, Representation Learning

Molecular Cell Biomechanics Lab, UC Berkeley   2015 – 2016
Researcher with Prof. Mohammad Mofrad
Topics: NLP, Machine Learning for Health

Facebook, Software Engineering Intern   2017
Topics: Distributed Systems

TEACHING

CS 285: Deep Reinforcement Learning   2018

CS 189: Machine Learning   2017 – 2018, 2020
Lead author of 150+ page official course textbook. Link: snasiriany.me/cs189

PUBLICATIONS

Soroush Nasiriany*, Vitchyr Pong*, Ashvin Nair*, Alexander Khazatsky, Glen Berseth, Sergey Levine
DisCo RL: Distribution-Conditioned Reinforcement Learning for General-Purpose Policies
IEEE International Conference on Robotics and Automation (ICRA), 2021

Soroush Nasiriany*, Vitchyr Pong*, Steven Lin, Sergey Levine
Planning with Goal-Conditioned Policies
Advances in Neural Information Processing Systems (NeurIPS), 2019

Soroush Nasiriany, Garrett Thomas, William Wei Wang, Alex Yang, Jennifer Listgarten, Anant Sahai
A Comprehensive Guide to Machine Learning
CS 189 Official Course Textbook, 2018
snasiriany.me/files/ml-book.pdf

Ehsaneddin Asgari, **Soroush Nasiriany**, Mohammad R.K. Mofrad
Text Analysis and Automatic Triage of Posts in a Mental Health Forum
NAACL-HLT Workshop on Computational Linguistics and Clinical Psychology, 2016