Ramtin Keramati

EDUCATION

Stanford University, Stanford, CA, September 2015-Present   GPA:3.97/4.00
Ph.D., Computational and Mathematical Engineering (ICME), Minor Computer Science (CS)
Adviser, **Emma Brunskill**, Stanford AI Lab, Stanford AI for Human Impact Lab
Research Area: Application of Reinforcement Learning in Health Care

Sharif University of Technology, Tehran, Iran, September 2011-2015   GPA: 19.23/20.00
Bachelor of Science, Mechanical Engineering, *Minor*, Economics

WORK EXPERIENCE

Data Scientist, Intern   **Uber Technologies, Inc.**
Seattle, WA   June 2017-September 2017
Time series forecasting using recurrent neural network
Demand modeling using Partially Observable MDP (POMDP)

Data Scientist, Intern   **StitchFix**
San Francisco, CA   June 2016-September 2016
Client segmentation using various machine learning algorithms
Optimized inventory assignment using customer-product efficient bipartite matching

SELECTED PUBLICATIONS

Off-policy Policy Evaluation For Sequential Decisions Under Unobserved Confounding
Hongseok Namkoong, *Ramtin Keramati*, Steve Yadlowsky, Emma Brunskill
Undersubmussion, ICML 2020

Being Optimistic to Be Conservative: Quickly Learning a CVaR Policy
Ramtin Keramati, Alex Tamkin, Chris Dann, Emma Brunskill
AAAI 2020, New York, USA

Value Driven Representation for Human-in-the-Loop Reinforcement Learning
Ramtin Keramati, Emma Brunskill
27th ACM Conference on User Modeling, Adaptation and Personalization

Distributionally-Aware Exploration for CVaR Bandits
Alex Tamkin, *Ramtin Keramati*, Chris Dann, Emma Brunskill
NeurIPS 2019: Safety and Robustness in Decision Making workshop

Strategic Exploration in Object-Oriented Reinforcement Learning (SOORL)
Ramtin Keramati, Jay Whang, Patrick Cho, Emma Brunskill
ICML 2018: Exploration in Reinforcement Learning workshop

TEACHING EXPERIENCE

Head TA of *Reinforcement Learning (CS234)*, Prof. Emma Brunskill
Head TA of *Deep Learning (CS230)*,Prof. Andrew Ng, Kian Katanforoosh
Teaching assistant of *Deep Learning (CS230)*, Prof. Andrew Ng, Kian Katanforoosh
Teaching assistant of *Linear Algebra with Application (CME200)*, Prof. Iaccarino, G.

DISTINCTIONS

Centennial TA Award, Stanford University, 2018
Outstanding Teaching Assistant, Department of Computer Science, Fall and Winter 2017
Stanford ICME Departmental Fellowship, September 2015
Bronze medal of 5th International Olympiad in Astronomy and Astrophysics (IOAA), Poland
Silver medal of group competition at 5th IOAA, Poland