Ramtin Keramati

Stanford, CA, US Keramati

EDUCATION

Stanford University, Stanford, CA, September 2015-Present
Ph.D., Computational and Mathematical Engineering (ICME), Minor Computer Science (CS)
Adviser, Emma Brunskill, Stanford AI Lab, Stanford AI for Human Impact Lab
Thesis: Robust Reinforcement Learning with application to Health Care

Stanford University, Stanford, CA, September 2015-2019 GPA:3.97/4.00
Master of Science, Computational and Mathematical Engineering (ICME)

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

WORK EXPERIENCE

Research Scientist, Intern **Apple, Inc.**
Cupertino, CA June 2020-October 2020
Health Strategic Initiative

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

Identification of Subgroups With Similar Benefits in Off-Policy Policy Evaluation
Ramtin Keramati, Omer Gottesman, Finale Doshi-Velez, Emma Brunskill
Under submission, Thirty-eighth International Conference on Machine Learning, ICML 2021

Off-policy Policy Evaluation For Sequential Decisions Under Unobserved Confounding
Hongseok Namkoong*, *Ramtin Keramati**, Steve Yadlowsky*, Emma Brunskill
Thirty-fourth Conference on Neural Information Processing Systems, NeurIPS 2020, Vancouver

Being Optimistic to Be Conservative: Quickly Learning a CVaR Policy
Ramtin Keramati, Alex Tamkin, Chris Dann, Emma Brunskill
Thirty-Fourth AAAI Conference on Artificial Intelligence, AAAI 2020, New York

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

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 5^{th} IOAA, Poland