

# Ramtin Keramati

Stanford, CA, US

rkeramati.github.io  
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## EDUCATION

**Stanford University**, Stanford, CA, September 2015–Present GPA: 3.95/4.00  
*Ph.D. and Master of Science*, Computational and Mathematical Engineering (ICME)

Academic Adviser: Emma Brunskill, Stanford AI Lab

Research Interest: Reinforcement Learning, Deep Learning, Robust and Safe AI

Dissertation: Robust Reinforcement Learning with Application to 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

**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 (RNN)

**Data Scientist, Intern** **StitchFix**  
San Francisco, CA June 2016–September 2016  
Inventory optimization using efficient customer-product 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

Significant contribution of small icebergs to the freshwater budget in Greenland fjords  
Soroush Rezvanbehbahani, Leigh Stearns, *Ramtin Keramati*, Siddharth Shankar, C. J. van der Veen  
*Nature Communications Earth & Environment* 1.1 (2020): 1-7.

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

## 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 *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 Fellowship**, September 2015  
**Bronze** medal of 5th International Olympiad in Astronomy and Astrophysics (IOAA), Poland  
**Silver** medal of group competition at 5<sup>th</sup> IOAA, Poland

## COMPUTER SKILLS

Languages: Python; some use of R, C++, Java, Unix shell scripts  
Deep Learning Frameworks: TensorFlow, Keras, some use of PyTorch