Mohammad Reza Samsami

M.Sc. Student · Computer Science / Artificial Intelligence

Mila - Quebec Al Institute / Université de Montréal

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Research Interests	
(Model-based, Offline) Reinforcement Learning, Causality, Foundation Models, Memory	
Education	
Mila - Quebec AI Institute / Université de Montréal	Montréal, Canada
M.Sc. IN COMPUTER SCIENCE	2021 - 2023
 Supervisors: Prof. Sarath Chandar, Prof. Irina Rish GPA: 4.15 / 4.3 	
Sharif University of Technology	Tehran, Iran
B.Sc. in Computer Science	2016 - 2021
• GPA: 18.18 / 20	
Honors & Grants	
2023 Merit-based Scholarship for Excellence in Research, Université de Montréal	
2015 Silver Medal in Iranian National Olympiad in Informatics (INOI), Young Schola	
 Merit-based Scholarship for Supporting the Studies and Research, Université Granted the Travel and Conference Fund, Association for Computational Lingu 	
2016 Ranked Top 0.3%, Iran's Universities Entrance Exam	
2015 Fellowship , Grant for undergraduate students, courtesy of the National Elite For	undation
2019 Fellowship , Association for Computational Linguistics	
Publications	
M. R. Samsami, M. Bahari, S. Salehkaleybar, A. Alahi. 2021. Causal Imitative Model for Autono	mous Driving. Preprint.
F. Hosseini, H. Fooladi, M. R. Samsami . 2019. Recognizing arrow of time in the short stories. W	/iNLP at ACL.
M. R. Samsami, H. Alimadad. 2020. Distributed Deep Reinforcement Learning: An Overview. F	Preprint.
Research Experience	
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ServiceNow Research Supervisors: Maxime Gasse and Alexandre Lacoste	2021 - Pres.
Visiting Researcher	2021 1765.
Mila - Quebec Al Institute	
SUPERVISORS: SARATH CHANDAR AND IRINA RISH	2021 - Pres.
 Research Master's Ecole polytechnique fédérale de Lausanne (EPFL) 	
Supervisors: Saber SalehKaleybar and Alexandre Alahi	2020 - 2021
Research Intern	
Shenakht Pajouh	
PROJECT MANAGER: HOSEIN FOOLADI • Researcher	2018 - 2019

Teaching	Experience	
2016 - 2019 2019 - 2021		Karaj, Iran Tehran, Iran
Professio	onal and Work Experience	
2021	Visiting Researcher, ServiceNow Research Data Scientist, MetoData Researcher and Program Manager, Shenakht Pajouh	
Skills		
Machine Lea	arning and Data Analytics: JAX, PyTorch, TensorFlow, Scikit-Learn, Spark, Pandas.	
Programmii	ng Languages: Python, C++, C, Java	
Selected	Projects	
	ntion of Multiplicative Compositional Policies, Robot Learning Course Project	
Crypto-Trad	ing with Deep Reinforcement Learning, MetoData Company	
Distribution	al Reinforcement Learning, Reinforcement Learning Course Project	
Causal Rein	forcement Learning, Causal Inference Course Project	
An Analysis	of Convex Optimization Algorithms, Convex Optimization Course Project	
Language M	odeling on Gutenberg with TensorFlow Keras, Shenakht Pajouh Company	
	urce Contributionamework designed to facilitate research in reinforcement learning	
Selected	Courses	
	ent Learning, Robot Learning, Representation Learning, Causal Inference, Convex Optin c Graphical Models, Information Theory, Game Theory, Distributed Systems, Stochast ing Laws	
Language	es	
Farsi: Native		
English: Flue	ent (TOEFL: 106)	
Arabic: Fami	liar	
French: Fam	iliar	
Extracurr	icular Activities	
2020-Pres.	Sharif Causal AI Journal Club, Member Sharif Cognitive Science Community (Shenasa), Founding Member of the Central Council	Sharif Uni.