Mastane Achab, PhD

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PUBLICATIONS

Distributional deep Q-learning with CVaR regression	NeurIPS, 12/2022
Checkered Regression	preprint, 02/2022
Robustness via distributional dynamic programming	preprint, 12/2021
Weighted empirical risk minimization	ESANN, 10/2020
Dimensionality reduction and (bucket) ranking	ALT, 03/2019
Profitable bandits	ACML, 11/2018
Ranking data with continuous labels	NeurIPS, 12/2017
Max k-armed bandit: on ExtremeHunter and beyond	ECML-PKDD, 09/2017

EXPERIENCE

Technology Innovation Institute (TII), Abu Dhabi, UAE   2022 - present
AI Researcher

Pompeu Fabra University, Barcelona, Spain   2020 - 2021
Postdoc researcher: distributional dynamic programming, safety

DeepMind, London, UK   2019 (5 months)
PhD internship: distributional (and deep) reinforcement learning, exploration

Inria, SequeL team, Villeneuve d'Ascq, France   2015 (5 months)
Research internship: multi-armed bandit, shortest path problem

EDUCATION

Télécom Paris, LTCI lab, Palaiseau, France   2016 - 2020
PhD thesis: 'Ranking and Risk-Aware Reinforcement Learning'

École normale supérieure de Cachan, Cachan, France   2015 - 2016
MSc 'MVA': machine learning

École polytechnique, Palaiseau, France   2012 - 2015
MSc: applied mathematics, computer science

TECHNICAL STRENGTHS

Programming	Python, TensorFlow
Languages	French (fluent), English (fluent), Spanish (intermediate)