Mastane Achab, PhD

9 rue Guichard ⋄ Cachan, France

+33 6 49 13 84 12 ⋄ mastane.achab@gmail.com

PUBLICATIONS

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

Pompeu Fabra University, Barcelona, Spain 10/2020 - 10/2021

Postdoc researcher: distributional dynamic programming, safety

DeepMind, London, UK 03/2019 - 07/2019

PhD internship: distributional (and deep) reinforcement learning, exploration

Inria, SequeL team, Villeneuve d'Ascq, France 03/2015 - 07/2015

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 (mother tongue), English (fluent), Spanish (intermediate)