

RESUME

Amon Elders

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Education	University of Oxford , PhD. <i>Engineering Science</i> . <ul style="list-style-type: none">Starting Oct 2018Control Theory, Reinforcement Learning, Algorithmic Fairness, Deep Learning, Bayesian Neural Networks, Meta-Learning	Oct 2022
	University College London , MSc. <i>Computational Statistics and Machine Learning</i> . Grade: 75% <i>With Distinction</i> (GPA equiv: >4.0) <ul style="list-style-type: none">Thesis: A Unifying Perspective on Ranking Matrices: A Consistent Framework for Learning to Rank Via Quadratic Assignment, supervised by Massimiliano Pontil and Carlo Ciliberto, <i>Distinction</i>Unsupervised Learning, Supervised Learning, Deep Reinforcement Learning, Natural Language Processing, Statistics	Sep 2017
	University of Amsterdam , BSc. <i>Mathematics</i> . Grade: 7.6 <i>With Honours</i> (approx. top 15% plus an extra semester worth of honours classes) <ul style="list-style-type: none">Thesis: Nonparametric Bayesian Inference of Inhomogeneous Poisson Process Intensities, <i>1st</i>Functional Analysis, Quantum Mechanics, Topology, Algebra, Measure Theory, Markov Chains	Sep 2016
Work Experience	Italian Institute of Technology , <i>Research Fellow</i> . <ul style="list-style-type: none">Supervised by Massimiliano PontilPreprint: Better and Fairer Models Via Multitask Learning, accepted to ICML AutoML 2018, withdrawn as none of the authors could be present	Oct 2018
	Lazard , <i>Investment Banking Intern</i> . <ul style="list-style-type: none">Benelux coverage team	Feb 2018
	Sparkwave , <i>Machine Learning Engineer Contractor</i> . <ul style="list-style-type: none">Built a vector-space representation of the similarity of colours using Neural Networks in Tensorflow part-time as a remote contractor	Dec 2017
	SET Ventures , <i>Venture Capital Intern</i> . <ul style="list-style-type: none">Performed analyses on the smart-energy market, gave several recommendations which led to a change in investment focus	Sep 2016
	747 Capital , <i>Private Equity Intern</i> . <ul style="list-style-type: none">Performed investment analyses, wrote internal investment memos, worked directly with the partners in the evaluation and execution of a portfolio fund investment and co-investment	Sep 2015
	University of Oxford , <i>Volunteer</i> . <ul style="list-style-type: none">Research at the Future of Humanity Institute	Aug 2014
Additional Activities	TEDx , <i>Speaker</i> . <ul style="list-style-type: none">Gave a talk on the lack of effectiveness in the non-profit sector	Mar 2016
	Effective Altruism Society , <i>Co-founder</i> . <ul style="list-style-type: none">Organised and promoted events with high-profile speakers such as Joshua Greene from Harvard, Moral Cognition Lab, and Alan Fenwick from Imperial College London, SCI	Sep 2016
Awards	Socrates Honours Society : Ranked top 10% nationally for highest average grade out of all pre-university students (approx. top 1% overall) Biology Olympiad : Top 10% nationally for highest average grade out of all pre-university students J.P. Morgan Data Science Competition : 4th placement out of 100 elite university students, offered a fast-track hiring trajectory Oxford-Man Scholarship : Funding for a PhD in Engineering Science at Oxford Financial Computing Scholarship : Funding for a PhD in Computer Science at University College London Roth Doctoral Scholarship : Funding for a PhD in Mathematics at Imperial College London	
Technical Skills	Languages : Python, Matlab, R, Latex	