

Elan van Biljon

Imagine others complexly

Philosophy

"We got here the only way people get anywhere good: together."

About

Born:

15 September 1995
Pretoria, South Africa

Currently:

Cape Town, South Africa

Contact

LinkedIn
Online CV
Google Scholar
elanvanbiljon@gmail.com

Skills

Writing
Teaching
Reviewing
Mathematics
Programming
Communication
Machine Learning

Interests

Hiking
Puzzles
Board Games
Rock Climbing

Community Service

Tutoring
Animal Welfare
Volunteer Reviewing
Community Development

Languages

English
Afrikaans

Notable Publications

E. van Biljon, 'Initialisation of noise-regularised neural networks', Computer Science Division Stellenbosch University, 2021.

Pretorius, A., E. van Biljon, S. Kroon and H. Kamper 2018, 'Critical initialisation for deep signal propagation in noisy rectifier neural networks', in Neural Information Processing Systems (NeurIPS).

Orife, I. et al. 2020 'Masakhane—Machine Translation For Africa', Preprint at <https://arxiv.org/abs/1810.08810>.

Experience

2022	Science Communicator / Writer	ScienceLink
	Summarising research papers for general public.	
2019 - 2020	Reviewer - ranked in top 5%	NeurIPS2019, ICML2019, ICML2020
	Reviewing paper submissions to journals.	
2020	Research Engineer	InstaDeep
	Novel research and publication in reinforcement learning.	
2018 - 2019	Teaching	Deep Learning Indaba, Stellenbosch University
	Foundations of machine learning.	

Education

2018 - 2021	MSc. Cum Laude in Computer Science	Stellenbosch University
	<i>Initialisation of noise-regularised neural networks</i>	
2014 - 2017	BEng. Cum Laude	Stellenbosch University
	Major in Informatics	

Awards / Achievements

2019 - 2020	Reviewer Awards - top 5%	NeurIPS2019, ICML2019, ICML2020
2018 - 2019	Research Poster Awards	Deep Learning Indaba

References

Prof. Steve Kroon	kroon@sun.ac.za	+27 21 808 4232
Dr. Herman Kamper	kamperh@sun.ac.za	+27 21 808 4457
Prof. Johan du Preez	dupreez@sun.ac.za	+27 21 808 4342