Elan van Biljon

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

Philosophy
"Imagine others complexly."

About
Born:
15 September 1995
Pretoria, South Africa

Currently:
Cape Town, South Africa

Contact
LinkedIn
Online CV
Google Scholar
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Skills
Writing
Teaching
Reviewing
Mathematics
Programming
Communication
Machine Learning

Interests
Hiking
Dancing
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 - present	**Research Engineer** Human health and computer science research and development.	LifeQ
2022	**Science Communicator / Writer** Summarising research papers for general public.	ScienceLink
2019 - 2020	**Reviewer - ranked in top 5%** Reviewing paper submissions to journals.	NeurIPS2019, ICML2019, ICML2020
2018 - 2019	**Teaching** Foundations of machine learning.	Deep Learning Indaba, Stellenbosch University

Education

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

Awards / Achievements

2021	**Research Award of the Year**	Wikimedia Foundation
2019 - 2020	**Reviewer Awards - top 5%**	NeurIPS2019, ICML2019, ICML2020
2018 - 2019	**Research Poster Awards**	Deep Learning Indaba

References

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