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Automated machine learning for neural network verification

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Curriculum Vitae

Matthias König was born in Saarbrücken, Germany on the 7th of August, 1993, and grew up in Saarbrücken as well. He studied in Berlin, Leiden and Amsterdam and holds master's degrees in Information Studies from the University of Amsterdam and in Mediatechnology from Leiden University, which he both obtained in 2019. He started his Ph.D. in February 2020 on investigating trustworthiness and safety of AI systems in the distributed ADA (Automated Design of Algorithms) research group at Leiden University and RWTH Aachen University under the supervision of Dr. Jan van Rijn and Prof.dr. Holger Hoos. As part of his Ph.D., he visited the QAVAS research group led by Prof.dr. Marta Kwiatkowska at the University of Oxford for a period of 3 months. His research interests lie in AI safety, formal verification and automated machine learning. During his Ph.D. studies, he supervised several master students and took courses on scientific conduct, among others.