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Tuning the tuner: the art of automatic performance optimization

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Curriculum Vitae

Floris-Jan Willemsen was born on December 11, 1997, in Middelharnis, the Netherlands. He earned his Bachelor's degree in Information Technology at the Rotterdam University of Applied Sciences, where he graduated cum laude and completed the honors program in 2019. He subsequently completed a Master's degree in Computer Science from the University of Amsterdam and Vrije Universiteit Amsterdam in 2021.

In October 2021, he began his Ph.D. in Computer Science in collaboration with the Netherlands eScience Center, which he did at the University of Amsterdam and Leiden University under the supervision of Prof. Rob van Nieuwpoort and Dr. Ben van Werkhoven. Over the course of his Ph.D. studies, he completed courses on academic management, resource awareness, high-performance computing, real-time systems, blockchain-based systems, and scientific conduct, among others. In addition, he conducted a research visit at Santa Clara University in California, as well as a wide variety of presentations and tutorials at conferences and institutes.

Alongside his academic work, Floris-Jan has built a strong professional background through his work on open source software for science at the Netherlands eScience Center. His experience also includes freelance software development and internships in R&D and software engineering roles. He worked as a teaching assistant on courses on machine learning and high-performance computing, mentored students, and contributed to the academic community through organizing events, leading discussion groups, and initiating collaboration. His academic work has been recognized with awards at the International Conference on Parallel Processing and CompSys.