

Matthis Kruse | Curriculum Vitae

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Education

Doctoral Phase <i>Saarland University</i>	Saarbrücken 2020-today
Doctoral Preparatory Phase <i>Saarland University</i>	Saarbrücken 2019-2020
Bachelor of Science <i>Saarland University</i>	Saarbrücken 2016-2019
Abitur <i>Oberstufengymnasium des Werra-Meißner-Kreises</i>	Eschwege 2013-2016

Experience

Lecturer's Assistant <i>Saarland University, Automatic Differentiation Seminar</i>	Saarbrücken SS 2021
Lecturer's Assistant <i>Saarland University, Compiler Construction Lecture</i>	Saarbrücken WS 2020/21
Lecturer's Assistant <i>Saarland University, Practical Foundations for Programming Languages Seminar</i>	Saarbrücken WS 2020/21
Tutor <i>Saarland University, C++ Programming Course</i>	Saarbrücken WS 2019/20
Research Assistant <i>Saarland University, Compiler Design Lab</i>	Saarbrücken SS 2019
Research Assistant <i>Saarland University, Compiler Design Lab</i>	Saarbrücken SS 2018
Tutor <i>Saarland University, C++ Programming Course</i>	Saarbrücken WS 2018/19
Tutor <i>Saarland University, Theoretical Computer Science</i>	Saarbrücken WS 2018/19
Tutor <i>Saarland University, Programming 2</i>	Saarbrücken SS 2018
Mentor <i>Saarland University, Mentoring Program</i>	Saarbrücken WS 2017/18
Tutor <i>Saarland University, Mathematics Pre-Course</i>	Saarbrücken WS 2017/18

Publications

2020: André Müller, Bertil Schmidt, Andreas Hildebrandt, Richard Membarth, Roland Leißa, Matthis Kruse, and Sebastian Hack. Anyseq: A high performance sequence alignment library based on partial evaluation. In *2020 IEEE International Parallel and Distributed Processing Symposium (IPDPS), New Orleans, LA, USA, May 18-22, 2020*, pages 1030–1040. IEEE, 2020.

2020: Jan Baumeister, Bernd Finkbeiner, Matthis Kruse, and Maximilian Schwenger. Automatic optimizations for stream-based monitoring languages. In *Runtime Verification*, pages 451–461. Springer International Publishing, 2020.

Languages

German: Mother tongue

1st language

English: C1

Fluent

Japanese: Basic

Basic words and phrases

Miscellaneous

- Rowing

- Hiking