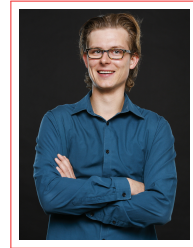# Lukas Retschmeier

Master of Science (TUM)

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Education

2023 – ∼	**Doctor of Philosophy (PhD) in Computer Science**, *Providentia, Københavns Universitet*, Denmark, Differential Privacy.
2018 – 2023	**Master of Science in Computer Science**, *Technical University Munich (TUM)*, Germany, Specialization: *Algorithms & Complexity*.
	<u>**Thesis**</u>, On the Parameterized Complexity of Semitotal Domination on Graph Classes, Prof. Paloma Thomé de Lima, Grade: 1.0.
'22	**Erasmus+ Traineeship**, *IT University Copenhagen*, Denmark, Master Thesis.
'20	**Erasmus+ Exchange Semester**, *Universitetet i Bergen*, Norway.
	Interdisciplinary Project, *Ludwig-Maximilians University*, Germany, Musicology.
2015 – 2018	**Bachelor of Science: Applied Computer Science**, *Cooperative State University Baden-Württemberg*, Germany, Average *1.4*, 210 ECTS, *ECTS Grade A*. Cooperative study programm with *Atos Information Technologies GmbH Munich*
	<u>**Thesis**</u>, Development and Evaluation of an IR System for the operation of PLM systems, Prof. Dr. Karl Stroetmann, Grade: 1.0.
	Additional Seminars, *Siemens Professional Education (SPE)*, Paderborn. Seminars about SAP, ITILv3®, English, Economics, MS Office and Communication Skills

Professional Experience

2015 – 2023	**IT Consultant PLM**, *Atos Information Technologies GmbH*, Munich.
– '22	**Junior IT Consultant PLM**.
– '18	**Cooperative Bachelor Study Program**.

I worked in various projects in the *product lifecylce management* in the manufacturing and automotive branch where I had the following responsibilities:

- **Leading** the solution design and implementation of PLM solutions; Building up necessary infrastructure and communication interfaces.
- **PLM Consultancy** around *Siemens Teamcenter*, e.g. installation & upgrading, configuration and customizing, AWC.
- **Furthermore**: mentoring of students, technical support of bid processes, explorative POC's

Selected Projects

MOPEC **B/S/H/**, *Home Appliances*, Munich, Role: Technical Lead & Developer.
Development of a monitoring tool to consolidate data and detect errors on production line; Technologies: JHipster with Spring Boot (Java) and Angular

AS-PLM **Mercedes Benz**, *Automotive Industry*, Stuttgart, Role: PLM Developer.
Development of a central platform for the After-Sales area. Main tasks were the development of tools for validating, converting and rendering of different media files and integration into the *Teamcenter* platform; Technologies: Java, Teamcenter

TC Upgrade **BMW**, *Automotive Industry*, Munich, Role: PLM Developer.
Evaluation of a direct upgrade from Teamcenter 10.3 to 12.1 using containerization; Technologies: Docker, Java, C++

Academic Work Experience

2021 – 2022 **Student Teaching Assistant**, *Discrete Structures*, TUM.

2016 – 2018 **Student Research Assistant**, *Optes*, DHBW Mannheim.
Development of mathematical excersizes with individual feedback using *STACK*

Language Proficiency

German, *(Native)*; **English** *(Highly Proficient, C1)*;
Norwegian *(Intermediate, B1)*; **Danish** *(Beginner, A2)*; **Latinum**.

Certifications

English	Assessment C1	*OLS*
	TOEFL iBT® (Score 91); Academic English	*ETS*
	Business English, Level 2 (Pass with Distinction); Business English	*LCCI*
IT Services	ITIL® Foundation	*APMG*

Other Activities

Music	Solo piano with competitive experience & playing in ensembles
Volleyball	Beach-and Indoorvolleyball

Honors

BSc.	Honored as Best Bachelor Graduate in *Informatics*, 2018	*DHBW Mannheim*
Piano Solo	1st price regional competition *Jugend Musiziert*	*German Music Council*
Orchestra	Silberne Ehrennadel: 20 Years, *German Harmonica Association*	*DHV*