



# Lukas Retschmeier

*Bachelor of Science*

## Education

- 04/2018–ongoing **Master of Science: Informatics**, *Technical University München*, Germany, Focus: *Theoretical Computer Science*.
- Winter 2020 **Erasmus+ Exchange Semester**, *Universitetet i Bergen*, Norway.  
Courses about Linear Programming and Fixed-Parameter Tractable Algorithms
- 2015–2018 **Seminare**, *Siemens Professional Education (SPE)*, Paderborn.  
Accompanying seminar courses about SAP, ITILv3®, English, Economics, MS Office and Communication Skills
- 2015–2018 **Bachelor of Science: Applied Computer Science**, *Cooperative State University Baden-Württemberg*, Germany, Average Grades 1.4, 210 ECTS, Specialisation: *Operational Information Management*, *ECTS Grade A*.  
Dual Study Degree Programm with integrated practical phases in cooperation with the IT Service Provider *Atos Information Technologies GmbH* in Munich.
- 2007–2015 **A-Levels**, *Gymnasium Dingolfing*, Dingolfing, 1.9.  
Specialisation: Music & Natural Sciences

## Bachelor Thesis

- Title *Development and Evaluation of an IR System for the Operation of PLM Systems*
- Advisor Prof. Dr. Karl Stroetmann (*DHBW Mannheim*)
- Grade 1.0

## Workexperience

### Professional Experience

- 09/2018–ongoing **Junior IT Consultant PLM**, *Atos Information Technologies GmbH*, Munich.  
Beneath consultancy, active development of custom solutions for large-scale softwares suites especially around *Siemens Teamcenter*. Clients from the automotive and aerospace industry
- AS-PLM**, *Automotive*, Munich, 04/2019 - 07/2020.  
Introduction of a data turntable for the customer's after-sales business unit. The task was the development of tools for validating, converting and rendering different media files and the embedding into *Siemens Teamcenter*. Furthermore, the development of an UI Testframework for Active Workspace was supported.

*Abbachstraße 17 – 80992 – München*

☎ +49 (1525) 4548176 • ✉ [lukas.retschmeier@tum.de](mailto:lukas.retschmeier@tum.de)

[www.lukasretschmeier.de](http://www.lukasretschmeier.de)

1/3

**PoC Teamcenter Upgrade, Automotive, Munich, 01/2019 - 03/2019.**

Evaluation of a way to upgrade a existing Teamcenter 10.3 environments directly to 12.1. Therefore, *Docker* containerization was used to significantly speed up and analyze the error-prone upgrade process by allowing to quickly roll-back to previous states.

**No-Hub2, Automotive, Munich, 07/2017 -10/2017 and 10/2018 - 01/2019.**

Supporting the removal of a Multisite-Hubes between two customer locations. The tasks were the adjustment of *Teamcenter* Workflows and the migration of existing environments.

2015–2018 **Dual Study Degree Program, Atos Information Technologies GmbH, Munich.**

Practical phases in different departments alternating every three months with theory phases at the DHBW Mannheim. Practical phases in *Managed Services, SAP, Product Lifecycle Management* and *Enterprise Content Management* have been accomplished and the following work have been done:

- Development of an internal real-time full-text search engine accross multiple independend data sources with *ElasticSearch* to simplify the operation of PLM Systems (Bachelor Thesis)
- Evaluation of *Docker* as a replacement of classical virtualization techniques for the PLM software *Siemens Teamcenter*

**Other & Voluntary**

10/2019– **Fachschaft MPI, Technische Universität, München.**

ongoing Active member of the student council; organisation of events and activities

2016–2018 **Student Research Assistant, Optes, Mannheim.**

Development and Implementation of mathematical excersizes with individual feedback (*STACK*); Attending and organisation of workshops

**Foreign Languages**

German	Mother tongue	
English	Highly proficient in both spoken and written English	C1
Norwegian	Intermediate	B1
Latin	Latinum	

**Certifications**

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

**Core Competences**

- *Agile Software Development with Java and JavaScript*
- *Linux Systems & Containerization*
- *Teamcenter Customizing / Configuration*
- *IR Systeme & Search Engines*
- *Algorithms & Complexity*

**Hobbies**

Piano Solo performances as well as orchestras and ensembles

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Table Soccer Member of the table football club *TFC Olydorf*  
Volleyball Member of the volleyball club *PSV München*

## Honors

B.Sc. Honored as Best Graduate in *Applied Informatics*, 2018 *DHBW Mannheim*  
Piano Solo 1<sup>st</sup> price regional competition *Jugend Musiziert* *German Music Council*