

Martin Schrimpf

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GitHub <https://github.com/Meash>

Education

Since 10/2014 **Elite Master's Program Software Engineering,**
TU Munich, LMU Munich and University of Augsburg
Elite Graduate Program for a small group of students with a focus on
the areas Formal Methods, Project Management, Distributed Systems,
Databases, Human Computer Interaction and soft-skills
(average grade 1.2)
Technologies: Java, C++, SQL, QVTO, Maude, CTL, LTL

07/2014 - 11/2014 **Study Abroad, Auckland University of Technology**
Courses in Artificial Intelligence, Leadership, Organizational Behavior
and Highly Secure Systems (average grade 1.2)
Project on Stereoscopic Matching for Cognitive Mapping
Technologies: C++, ARIA, Java

11/2013 - 07/2014 **Bachelor's Thesis "Scalable Database Concurrency Control using
Transactional Memory", University of Sydney and TU Munich**
Investigation of hardware transactional memory and its effectiveness
as a synchronization technique for a database storage component
[paper in progress] (grade 1.0)
Technologies: C++, C, Assembler

10/2011 - 07/2014 **Bachelor's Program Information Systems, TU Munich**
Combination of economic fundamentals and topics of computer
science with reference to Information Systems (average grade 1.4)
Technologies: Java, SQL, C++

Winter term - 2009/10 **Pupil Program „Introduction to Informatics“, LMU Munich**
First insights into computer science, successful completion of all
programming-exercises and the exam

2003 **Abitur, Gymnasium Dorfen**

- 2011 Focus on Mathematics, IT, Economics, English (average grade 1.5)

10/2008 **USA-exchange, C.D. Hylton High school, Virginia**

- 12/2008 Experienced the daily American life with a host family and regular
school attendance

All grades in the German scale (1.0 excellent - 5.0 fail)

Professional Experience

07/2015 - 09/2015	Software Engineer Intern, Siemens AG Architecture for a behavior-driven development platform <u>Technologies:</u> Python
07/2012 - 03/2014	Project Manager/Software Engineer, Greimel IT-Systemhaus GmbH Planned and developed a Document Management System including a financial accounting interface and a dynamic workflow management system on behalf of the Auer Packaging GmbH <u>Technologies:</u> Java Services, JavaScript, PHP
10/2012 - 09/2013	Web Developer, Promonde JLT Programmed a prospect website for Arabic countries with over 10k users per day and its administration backend <u>Technologies:</u> CakePHP, JavaScript
07/2012	Foundation of Martin Schrimpf Software Solutions Software Development and Services, focus on process optimization
01/2012 - 04/2012	Web Developer, R-Backup Datensicherung GmbH Developed a multilingual website's front- and backend to administrate partners and customers and to issue invoices <u>Technologies:</u> JavaScript, PHP

Extracurricular Activities

Since 10/2013	Rotaract Club München Residenz This youth club of Rotary is based on three pillars: community, help and learn. Active participation in social initiatives
Since 08/2015	Social project "Willkommensguide für Flüchtlinge" Development of an Android app to support refugees for the first few weeks after their arrival in Germany. An easy-to-use backend allows the cities Augsburg and München to dynamically configure the contents
08/2015	Deutschlandstipendium Achievement- and social commitment-oriented scholarship
10/2012	English Language Certificate C2/UNiCert level IV
Since 05/2013	e-fellows.net scholarship

Interests

Travelling

Insights into various cultures in places such as the USA, Africa and India

Martial Arts

Sporty balance, perfection of techniques and meditation with Shaolin and Judo

New Technologies /Programming

Development of a Raspberry Pi program similar to the personal assistant Jarvis from the movie Iron Man; Simulation of the autonomous formation flight of quadcopters