Martin Schrimpf

Address	Paul-Heyse-Straße 21
	80336 München
	Germany
E-Mail	martin.schrimpf@tum.de
Mobile	+49 174 9946449
GitHub	https://github.com/Meash

Academic

From 04/2016	**Master's Thesis**, *Harvard University*
	Combination of computational models, neurophysiological recordings and behavior experiments to further the understanding of high level cognition at the Kreiman Lab
10/2014 - 10/2016	**Elite Master's Program Software Engineering**, *TU Munich, LMU Munich and University of Augsburg*, ⌀1.2
	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
	<u>Technologies</u>: Java, C++, SQL, QVTO, Maude, CTL, LTL
07/2014 - 11/2014	**Study Abroad**, *Auckland University of Technology*, ⌀1.2
	Courses in Artificial Intelligence, Leadership, Organizational Behavior and Highly Secure Systems. Project on a novel landmark-based approach to perceptual mapping at CAIR
	<u>Technologies</u>: C++, ARIA, Java
11/2013 - 07/2014	**Bachelor's Thesis "Scalable Database Concurrency Control using Transactional Memory"**, *University of Sydney and TU Munich*, 1.0
	Investigation of hardware transactional memory and its effectiveness as a synchronization technique for a database storage component [paper in progress]
	<u>Technologies</u>: C++, C, Assembler
10/2011 - 07/2014	**Bachelor's Program Information Systems**, *TU Munich*, ⌀1.4
	Combination of economic fundamentals and topics of computer science with reference to Information Systems
	<u>Technologies</u>: Java, SQL, C++
10/2009 - 02/2010	**Pupil Program "Introduction to computer science"**, *LMU Munich*
	First insights into basic algorithms and calculus. Successful completion of all programming-exercises and the exam
2003 - 2011	**Abitur**, *Gymnasium Dorfen*, ⌀1.5
	Focus on Mathematics, Informatics, Economics, English
10/2008 - 12/2008	**USA-exchange**, *C.D. Hylton High school, Virginia*
	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

12/2015 - 04/2016	**Research Assistant**, *Oracle Labs* Distributed Systems and Services <u>Technologies</u>: Linux, Virtual Machines
07/2015 - 10/2015	**Software Engineer Intern**, *Siemens AG* Architectural conception and implementation of a behavior-driven development platform that automates the test specification for three major business areas <u>Technologies</u>: Python
07/2012 - 03/2014	**Technical Project Manager**, *Greimel IT-Systemhaus GmbH* Led the development of 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 an advertising website for Arabic countries with over 10k users per day as well as its administration backend <u>Technologies</u>: CakePHP, JavaScript
10/2012 - 09/2013	**Technical Project Manager**, *Deutsche Flugsicherung GmbH* Developed Aerio, a tool that simplifies the preparation of exercises for air traffic controllers and pilots. Functions include synchronization with live flight data, best-route-finding in thousands of waypoints and pre-simulation. Unfortunately, the project never went live <u>Technologies</u>: Java
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
08/2011 - 06/2012	**Software Developer**, *Greimel IT-Systemhaus GmbH* Developed an ERP-integrated price-update and an interface for stock list updates and comparison <u>Technologies</u>: Java

Extracurricular Activities

Since 08/2015	**Technical Lead**, *Integreat* Platform to deliver information from local authorities and helper organizations to refugees. Implementation of the administration backend and a cross-platform app, later coordination of the development community <u>Technologies</u>: Xamarin (C#), Android (Java), WordPress (PHP)
2015	**Deutschlandstipendium** Achievement-oriented scholarship
2015,16	**MINGA Mentor for International Students**, *TU Munich*

Since 10/2013	**Rotaract Club München Residenz**
	Youth club of Rotary, based on three pillars: community, help, learn. Active participation in social initiatives, e.g. gingerbread house baking with our orphanage sponsorship
2013,14,15	**e-fellows.net scholarship**
10/2012	**SAP Certified Business Associate with SAP ERP 6.0**
10/2012	**English Language Certificate C2/UNIcert level IV**

Languages

German
Native proficiency
English
Full professional proficiency
Japanese
Elementary proficiency
French
Elementary proficiency

Interests

Travelling
Insights into various cultures in places such as Africa, Australia and India
Martial Arts
Sporty balance, perfection of techniques and meditation with Judo and Shaolin
Brain-inspired Computing
Getting behind the concepts of cognition and intelligence on the basis of biological findings