

Career Summary

I am an integrator of IT and people and have a talent for helping people solve tough problems by understanding vast amounts of data and complex relationships using visualizations. Recently I also showed leadership potential by completing a 1.5-year IT project on time & on budget. I am creating data driven products in a role that both has communicative as well as technical responsibilities.

Skills

Languages:	German · English · Finnish · French
Data Analysis:	Statistics · Hypothesis-Testing · Data Visualization · Linear Regression · NumPy · pandas · ggplot · pandaSQL · ggplot · R
Programming:	Python · SQL · Java EE · IBM MQ · IBM Integration Bus · XML · HTML · CSS · XSLT · C++
Other IT Skills:	Project Management · Graphic Design · Photoshop · ITILv3 · Scrum

Projects

- **Student for Data Analyst Nanodegree** (since 06/2015): various small projects available at <http://tinyurl.com/udacityBS>
- **Project Lead for Migration Project at Daimler AG** (since 06/2014): steered migration project of 6 IT partners running on a total of 50 Enterprise Service Bus instances to completion, project management currently in time, scope and budget
- **Trainee in the Talent-Program at Daimler AG** (09/2010 – 09/2011): introduced 2 different local IT units to corporate head quarter IT service offerings during 3-5 month project assignments each, one of them in Mercedes Benz, U.S.A, Montvale, NJ
- **Thesis Working Student at Daimler AG** (01/2010 – 07/2011): completed final study thesis in R&D for automotive diagnostics, created a prototype for a search engine in automotive dealerships based on Apache Lucene and the Apache UIMA framework
- **Summer Trainee at Nokia Corporation** (Tampere, 2008) in Research & Development / Software Integration for the Symbian platform: development of a migration tool for the internal Error Management database based on Lotus Domino
- **Student Freelancer at Herold Maschinenbau** (2005-2008): developed web and database applications (PHP, MySQL) as well as software for test rigs of products in final assembly, gathered and discussed requirements with customer representatives

Work Experience

Daimler AG, Stuttgart

since 01/2010

- since 09/2013 **IT Service Manager** for Messaging & Enterprise Service Bus: managing Daimler's strategic "data integration hub" based on IBM Integration Bus, steering 8 contractors, onboarding 3 new IT partners (50% growth), turnover ca. 1 Mio € / year
- since 10/2011 **IT Service Architect** for Messaging & Enterprise Service Bus: rolled out Daimler's Enterprise Service Bus platform worldwide (Detroit, USA & Beijing, China), especially in the context of the "Connected Car" project
- since 01/2010 **Thesis Working Student and Trainee**

Esslingen University of Applied Sciences

10/2013 – 03/2015

University Lecturer: developed and taught course "Enterprise 2.0: Social Software in the Corporate World" to 8 students per year, material available in German on: <http://tinyurl.com/Enterprise20Slides>

Education

Online Student at Udacity

09/2011 – 04/2012, again since 06/2015

- Since 06/2015 enrolled in „Data Analyst Nanodegree“: <http://tinyurl.com/udacityBS>
- Related courses (partially taken elsewhere): "Artificial Intelligence", "Programming a Robotic Car", "Machine Learning"

Studies Abroad at Tampere University of Technology, Finland

08/2007 – 05/2008

Courses and projects about computer graphics (OpenGL), image processing (Matlab) & mobile communication systems

Diplom Media Computer Scientist (M.Sc. eqv.) at Dresden University of Technology, Germany

10/2005 – 07/2010

- **Integrated Degree** ("Diplom" equivalent to B.Sc. + M.Sc.) with **M.Sc. Thesis**: "Semantic Federation of Heterogeneous Information Sources in Automotive Diagnostics", graduation with honours, thesis available at <http://tinyurl.com/thesisBS>
- **B.Sc. Thesis**: "XMPP-based Media Sharing for Mobile Collaboration with Android Phones", available in English at <http://tinyurl.com/mobilismedia>
- **Co-authored publications** with the chair of Computer Networks, e.g., "Creating Applications for Real-Time Collaboration with XMPP and Android on Mobile Devices" ("[Handbook of Research on Mobile Software Engineering](#)", ISBN: 978-1-61520655-1)

Awards & Social Engagement

- Active member of **Brasilian Culture Association**, Stuttgart, Germany (since 12/2012)
- Awarded **Best Young Entrepreneur** at Daimler AG (2010) for promising business innovation idea
- First prize at **BEST Engineering Competition** (Board of European Students of Technology). Tallinn (11/2010)