

## 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

<b>Languages:</b>	German · English · Finnish · French
<b>Data Analysis:</b>	Hypothesis-Testing · Machine Learning · NumPy · pandas · R · Data Visualization · Tableau · D3.js · Hadoop
<b>Programming:</b>	Python · SQL · Java EE · IBM MQ · IBM Integration Bus · JavaScript · AngularJS · XML · HTML · CSS · XSLT
<b>Other IT Skills:</b>	Project Management · Graphic Design · Photoshop · ITILv3 · Scrum

## Projects

- **Visualize E-Mobility Battery Performance** (02-05/2016): crossed-over a passion project at work with the Data Analyst Nanodegree visualization project, created a web application used by about 200 engineers in R&D ([tinyurl.com/emobvizBS](http://tinyurl.com/emobvizBS))
- **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

## Work Experience

### Daimler AG, Stuttgart

since 01/2010

- since 06/2016 **Platform & Solution Architect** for Big Data: ramping up a Data Visualization platform and R&D Big Data use cases
- 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: [tinyurl.com/Enterprise20Slides](http://tinyurl.com/Enterprise20Slides)

## Education

### Nanodegree Graduate at Udacity

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

- Completed **Data Analyst Nanodegree** ([tinyurl.com/udacityBS](http://tinyurl.com/udacityBS)) as early adopter in Germany ([tinyurl.com/uvidBS](http://tinyurl.com/uvidBS))
- 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 [tinyurl.com/thesisBS](http://tinyurl.com/thesisBS)
- **B.Sc. Thesis:** "XMPP-based Media Sharing for Mobile Collaboration with Android Phones", available in English at [tinyurl.com/mobilismedia](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](https://doi.org/10.1007/978-1-61520655-1)", 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)
- **International Student of the Academic Year**, awarded by International Office of TU Tampere, Finland (Summer 2008)