

# Thomas Akira Roth

Birth: \*13.06.1989, Lohr am Main, Germany  
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## PROFESSIONAL EXPERIENCE

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- 07/2015 - today     **Manager Standardization "SCOPE"**  
Standardization & Complexity Management / DMG MORI AG Bielefeld
- Coordination of technical standardization projects in cooperation with DMG MORI Co. Ltd., Japan (森精機株式会社)
  - Inhouse development and production of standardized spindles for machining centers & lathes
  - Definition and implementation of standardized purchasing parts & peripherals across the whole product portfolio
  - Annual savings of approx. 5 Mio. EUR p.a. with preferred global suppliers
  - Reduction of overall complexity in design, logistics, assembly and service through item variety reduction by 15%
  - Setup of harmonized item release procedures and automated monitoring report based on ERP and PLM system
- 02/2015 - 06/2015     **Executive office assistant to CTO**  
Central Projects / DMG MORI AG Bielefeld
- Capture, structure, analyze and report internal documents
  - Submission of decision proposals for strategic projects
  - Preparation and follow-up of executive board meetings
- 12/2013 - 03/2014     **Six Sigma Green Belt**  
Quality Management / WZL Machine Tool Laboratory Aachen
- Quality consulting at Scheidt&Bachmann GmbH Mönchengladbach
  - Optimization of circuit board production and testing procedure
- 08/2013 - 07/2014     **Research Assistant**  
Technology Planning / Fraunhofer IPT Production Technology Aachen
- Technology scouting and consulting for various industrial partners
- 02/2013 - 05/2013     **Intern**  
Controlling and Strategy / Evonik Industries AG Shanghai, China
- Financial controlling of chemical plant construction project
- 05/2011 - 01/2012     **Research Assistant**  
Process and Product Monitoring / WZL Machine Tool Laboratory Aachen
- Evaluation and improvement of controlled gun drilling processes

## ACADEMIC EDUCATION

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- 08/2012 - 09/2014 **RWTH Aachen University** / Germany (final grade 1,7)  
Master of Science Production Engineering  
- Thesis: Design principles for modular systems, funded by BMBF
- 08/2012 - 02/2013 **Delft University of Technology** / Netherlands (final grade 77%)  
Master Course "Management of Technologies"
- 04/2012 - 07/2012 **Tokyo Institute of Technology**, Japan (東京工業大学) (final grade 1,3)  
- Research on precision machines with sub-nanometer resolution  
- Funded by PROMOS scholarship (German Academic Exchange Service)
- 10/2008 - 07/2012 **RWTH Aachen University** / Germany (final grade 2,7)  
Bachelor of Science Mechanical Engineering & Business Administration
- 09/1999 - 07/2008 Werner-Heisenberg-Gymnasium Weinheim / Germany (final grade 1,8)  
A-Levels "Allgemeine Hochschulreife" with scientific focus
- 04/1995 - 08/2007 Japanese Institute Frankfurt - フランクフルト補習授業校  
Japanese grammar school graduation, advanced studies

## EXTRACURRICULAR ACTIVITIES

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- 09/2014 - 09/2015 UNITECH International - European Leadership Program for Engineers  
- Seminars at RWTH Aachen, UPC Barcelona and Polytechnico Milano
- 10/2009 - 02/2012 bonding-studenteninitiative e.V. Aachen - Head of Finance 2009/2010  
- Budget planning, accounting, controlling and financial reporting  
- Responsibility for revenue of approx. 1 Mio. EUR and 30 annual events
- 06/2011 - 07/2011 Student exchange program with National Aviation University Kiev, Ukraine  
- Excursions to industrial companies, research institutes, cultural exchange
- 05/2007 - 08/2010 Odenwald-Bike-Marathon e.V. - Event Manager 2009  
- Organisation of mountain bike races (course planning, timing, ceremony)

## ADDITIONAL SKILLS

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- Language: German - native tongue  
Japanese - native tongue (Japanese-Language Proficiency N1)  
English - business fluent
- Software: MS Office Applications - proficient

Bielefeld, March 2017

*Thomas Roth*