

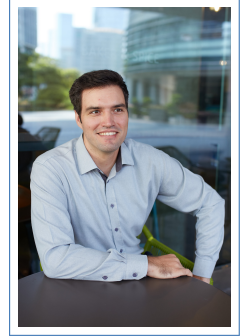
Julian Zarges

Master of Science

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HIGHLIGHTS

- 3 year Expatriate Senior Manager for vacuum-independent, electro-hydraulic brake force booster and ESP® (IPB) production ramp up in China
- 3.5 years experience as project lead final assembly for IPB new Breaking-Systems in Blaichach, Germany
- 1 year experience in process optimization at Benecke Kaliko (Continental AG)
- 1.5 years experience in design and engineering as well as project management in Formula Student

EXPERIENCE

INDUSTRY

04/2019 – **Expatriate Senior Manager Value-stream IPB, Bosch (Automotive) Suzhou, Suzhou/China.**
today Safe-launch & Ramp-up for a fully automatized assembly line in China

Details:

- Responsible for the China ramp up of vacuum-independent, electro-hydraulic brake force booster and ESP® (IPB)
- Total of three independent value streams set up and ramp up to a yearly production volume over 3.6 mio. parts
- Release for manufacturing regarding internal and external criteria
- Responsible for all KPI's (Safety, Quality, Cost management and Productivity)
- Responsible for standardization and international alignment in the production network

05/2016 – **Project lead Final Assembly, Robert Bosch GmbH, Immenstadt/Germany.**

03/2019 manufacturing planning & concept design of a highly automated assembly line for a new product (400 million EUR total international invest)

Details:

- Work in international simultaneous engineering teams and the internal special machines supplier
- Responsible for the Pre-Assembly line in aspects of cost, productivity, process capability and market needs
- Create and write process-FMEA, Control plan and production process flows

08/2015 – **Manufacturing Planer, Robert Bosch GmbH, Baichach/Germany.**

04/2016 Planning & concept design design of a highly automated assembly line for a new product

Details:

- Analyze existing manufacturing concepts and adapt for new product
- Develop concepts for low, medium and high automation
- Create and write process-FMEA

05/2011 – **Working Student, Benecke-Kaliko AG, Hannover/Germany.**

04/2012 Process analysis & -optimisation in the area of calander- & PUR-foil

Details:

- Task-force-lead to rise quality and productivity by statistical analysis of the processes in production area
- Define action to improve processes
- Track the implementation and benefit

Tools Minitab, MS Project, MS Access, Six Sigma, SAP R/3

09/2010 – **Praktikum, Mercedes-AMG GmbH, Affalterbach/Germany.**

03/2011 Details:

- Vehicle release for a special project (R197)
- Track and document the development status for the SLS Roadster until final production release by CEO

Tools Catia V5, MS Prject

UNIVERSITY

- 11/2012 – **research assistant**, *Institute of Machine Tools and Production Technology (IWF)*, Braunschweig/Germany.
10/2013 Research into the material properties of various active materials in battery cells
- 2009 - 2011 **Formula Student**, *Lions Racing Team*, Braunschweig.
Participation in the world's largest student design competition
- 05/2010 Team member and responsible for Cost Report (Module: Chassis; Season 2009)
 - 10/2009 – 09/2010 Manager Chassis
 - Responsible for design, production and quality
 - team leader

EDUCATION

- 2012 - 2015 **Master of Science (M.Sc.)**, *Technische Universität Carolo-Wilhelmina zu Braunschweig*, Braunschweig/Germany, mechanical engineering.
Subject: Production and System Design
- Grade 1,3 (GPA: 4,0)
- Thesis **Development of a method to automatic design a modular battery pack for a light electric vehicle (LEV)**, *Robert Bosch GmbH*, Renningen/Germany.
Cooperate research department
- 2013 – 2014 **study exchange**, *University of Waterloo (12 month international student exchange)*, Waterloo, Canada, Mechanical Engineering.
Topic: Production and System Design
- sponsorship ISAP-scholarship of German Academic Exchange Service (DAAD)
- 2008 - 2012 **Bachelor of Science (B.Sc.)**, *Technische Universität Carolo-Wilhelmina zu Braunschweig*, Braunschweig/Germany, mechanical engineering.
Topic: Production and System Design
- Grade 2,4 (GPA: 3,7)
- Thesis **Development of an automated test stand for mechanical characterization of battery electrodes**, *Institute of Machine Tools and Production Technology (IWF)*, Braunschweig.
- 1998 - 2007 **A-levels**, *CJD Jugendorf-Christophorusschule Oberurff*, Bad Zwesten.

KNOWLEDGE AND SKILLS

LANGUAGE

German mother tongue

English fluent

Chinese basic knowledge

METHODS

very good knowledge

- projectleader (Bosch certified)
- Lean-Production
- Kaizen-Methods
- Six-Sigma, Kanban, 8D-Reports, TPM
- P-FMEA & Controllplan

good knowledge

- QM-Systemen (QS-9000, VDA 6.1)

COMPUTER SKILLS

very good knowledge

- Microsoft PowerBI, Word, Excel, Powerpoint, Visio, Project
- CAD: Catia V5, Solid Works
- Data evaluation: KNIME, Matlab, MES, OriginLab, Geomagic Qualify
- Programming knowledge: C, C++, SQL, DAX

good knowledge

- Microsoft Access
- CAD: Siemens NX, Solidedge
- Programming knowledge: CODESYS v3, ROS, HTML, PHP, CSS,