

## CHRISTOPHER GRIESSHABER



born 11<sup>th</sup> of June in 1986

Voräckerstraße 4/1  
71272 Renningen

+49 176 2172 4931

cgriesshaber@gmail.com

vCard



Linked.in



### Profile

- 9 years of experience in applied software development
- certified data scientist with a passion for data analysis
- expert for reliability design and statistics
- open-minded, communicative and reliable personality

### Skills

Matlab	● ● ● ● ●
VB.Net (incl. WPF)	● ● ● ● ●
Python	● ● ● ● ●
SQL	● ● ● ● ●
MS Office 365 (incl. VBA)	● ● ● ● ●
C++	● ● ● ● ●
R	● ● ● ● ●

## PROFESSIONAL EXPERIENCE

01/2018 –  
today

### Development engineer in product development

SEG Automotive Germany GmbH in Weilimdorf

- Software development (programming languages: Python, VB.Net (WPF), SQL, Matlab, VBA, ...)
- Expert in Design for Reliability
- Product development of electric drives & inverters

01/2012 –  
12/2017

### Development engineer in product development

Robert Bosch GmbH in Schwieberdingen,  
after spin-off in 08/2016: Robert Bosch Starter  
Motors Generators GmbH

- Reliability design and software development for the design of alternators
- Development of a software suite for semi-automated product design based on various influences of different domains (cooling, vibration, reliability, ...)
- Moderation of various workshops

10/2011 –  
12/2011

### Production engineer in the field of grinding processes

Admedes Schüssler GmbH in Pforzheim

- Planning of grinding processes
- Development of production processes for series production

03/2011 –  
09/2011

### Bachelor Thesis in Advanced Engineering

Admedes Schüssler GmbH in Pforzheim

07/2009 –  
12/2009

### Internship in axle and assembly planning

BMW Group AG in München

- Development of a flexible greenfield axle assembly structure with various series and outputs for the Shenyang site, V.R. China
- Development of a transparent database on all planning costs of completed and current chassis projects and derivation of a generic approach for future projects

07/2008 –  
08/2008

### Internship in toolmaking

G. Rau GmbH & Co. KG in Pforzheim

- Working in the fields of tool making, punching technology and molding technology

07/2006 –  
05/2007

### Basic military/civil service

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## EDUCATION

02/2021

**Secondary professional certification for IBM Data Scientist**, Coursera  
Main focus:

- Methodology, databases and SQL
- Python: Data analysis, data visualization, machine learning

10/2007 -  
10/2011

**Bachelor's degree in mechanical engineering** at the Pforzheim University of Applied Sciences, final grade: 2.1

- Thesis at Admedes Schüssler GmbH (grade: 1.3): Establishment of an automatic precision "inprocess" monitoring for fatigue-to-fracture fatigue testing of medical implants

09/1997 -  
06/2006

**A levels** at Theodor-Heuss Secondary School in Pforzheim, graduation grade: 1.9  
Main subjects: Physics, Economics

## CERTIFICATES

<b>Data Science &amp; Data Management</b>	IBM Data Science Certificate of Professional Qualification
<b>Reliability design &amp; Statistics</b>	R. Bosch GmbH – internal award

## LECTURES & PUBLICATIONS

<b>18th International Stuttgart Symposium</b>	Reliability Design for Passive Power Semiconductors in Electric Machines (in 02/2018)
<b>ATZelectronic</b>	Reliability Design for Optimized Passive Power Semiconductors in Electric Machines (issue 4 in 08/2018)

## LANGUAGES

<b>German</b>	Native
<b>English</b>	C1 (European references)
<b>Spanish</b>	Basic

## INTERESTS

I love doing sports, spending time with my family and travelling to distant countries. In addition, I deal with interesting crawler and Raspberry Pi projects (e.g. a real estate crawling project). Also, I am passionate about image design and photography.