

Personnel Qualifications List

A. Education:

since October 2018

Karlsruher Institute of Technology (KIT)

Mechanical Engineering, Master Studies

- Mechatronics – “Mechatronik”
- Information Technology – “Informationstechnik”

October 2014 – October 2018

Karlsruher Institute of Technology (KIT)

Mechanical Engineering, Bachelor of Science

- Development and Design – “Konstruktion und Entwicklung”

2012 – 2014

Secondary Education (A-levels)

Bilingual International Baccalaureate at Zurich

International School, Adliswil, Switzerland

B. Work Experience:

since October 2019

Math tutor at Studienkreis Karlsruhe-Mühlburg

- teaching Students up until the 12/13 grade in Math and physics

April 2018 - November 2018

Bachelor thesis at ZF Friedrichshafen AG, Department for Advanced Development of Drivetrains

“Conception and Design of a Co-Rotating Transmission Part for the Actuation of a Dual Clutch with Low Actuation Forces on the Engagement Bearing”

May 2017 – October 2017

Internship at ZF Friedrichshafen AG, Department for Advanced Development of Transmissions

- Researched projects
- Designed and evaluated patents
- Created mathematical models with MATLAB
- Created 3D-models and animation with Creo 2.0
- Created calculation tools with Visual Basic in Excel

March 2016 – April 2016

Basic Metalworking Techniques at Institut für
Angewandte Verschleißforschung (IAVF)
Antriebstechnik GmbH

- Filed, Grinded Milled, Turned, Welded, Drilled,
Bent, Measured, Sawed, Installed; Metal Parts

C. Special Skills and Awards:

Programming Skills: PTC Creo 2.0

MathWorks MATLAB

MS Office

Visual Basic (Basic Knowledge)

Java (Basic Knowledge)

Language skills: German = Mother Tongue

English = Second Mother Tongue

French = DELF B1