

# Thomas Guggenberger

Master of Science

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Villach, AUSTRIA

Energetic and passionate graduate Mechanical Engineer with a background in Business Economics. Professional history includes a variety of technical internship positions, ensuring a down-to-earth approach to project management. Looking for new challenges and opportunities to grow personally.

## EDUCATION

### MSc in Production Science & Management Technical University of Graz

09/2017 – 05/2019

Graz, Austria

*Master's thesis*

- "Analysis of the influence of alternative energy storage solutions on automotive business models"

### BSc in Mechanical Engineering & Business Studies Technical University of Graz

10/2012 – 04/2017

Graz, Austria

*Bachelor's thesis*

- „methods for road condition determination with various sensors“

## WORK EXPERIENCE

### Student Trainee AVL List GmbH

06/2018 – 08/2019

Graz, Austria

AVL is the world's largest independent company for development, simulation and testing technology of powertrains

*Tasks*

- development of an analysis tool to find the best combination of a given set of vehicle and driveline components
- engine modelling in matlab & simulink

### Internship Doppelmayr Garaventa Group

08/2016 – 09/2016

Wolfsfurt, Austria

The Doppelmayr/Garaventa group is the world's leading manufacturer of ropeways, cable cars and ski lifts.

*Tasks*

- structural analysis and design tasks of aerial lift pylons with scia engineer

### Internship Glock Ges.m.b.H.

08/2015 – 09/2015

Ferlach, Austria

Glock Ges.m.b.H. is an austrian weapons manufacturer that supplies pistols to armies, law enforcement, and other government customers.

*Tasks*

- metallographical research, quality assurance and control

## SKILLS

Solidworks

Finite Element Analysis

Cruise M

Matlab

Simulink

Creo

Visual Basic

Scia engineer

Mathcad

## PERSONAL PROJECTS

Product Innovation Project in cooperation with Aalto University (FIN) (2015 – 2016)

- „finding applications of Beneq's new transparent display technology“

## LANGUAGES

German

*Native or Bilingual Proficiency*

English

*Full Professional Proficiency*

French

*Professional Working Proficiency*

Spanish

*Elementary Proficiency*

## INTERESTS

Cycling

Climbing

Swimming

Running