

## Curriculum Vitae

Name: DI Dr. Michael THOR BSc. MSc. MBA  
Date of birth: March 4<sup>th</sup> 1987  
Place of birth: Abtenau  
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Nationality: Austria  
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### Education:

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- 02/2022 – 05/2023      **California Lutheran University (CA, USA)**  
Executive Master of Business Administration – MBA (GPA - 3.98 <sup>1</sup>)  
Key areas: Leading operations, managing processes, leading people, leading strategy, professional and personal advancement
- 08/2017 – 08/2021      **University of Augsburg (GER)**  
Dr.-Ing. (Magna cum laude – 1.07)  
Doctoral thesis: Out-of-plane fiber waviness in composite materials: Origins, detection and mechanical evaluation
- 08 – 12/2015            **Clarkson University (NY, USA)**  
Research stay and exchange semester
- 2013 – 2016            **University of Applied Sciences Upper Austria (AUT)**  
„Mechatronics and Business Management“ Master of Science (Part-time)  
Main subject: Automotive-Technology and Composite Materials
- 2010 – 2012            **University of Applied Sciences Upper Austria (AUT)**  
„Mechanical Engineering“ Diplom Ingenieur (equivalent to Master of Science)  
Main subject: Simulation in Mechanical Engineering
- 08 – 12/2011           **Høgskolen i Ålesund / Aalesund University College (NOR)**  
Exchange semester
- 2007 – 2010            **University of Applied Sciences Upper Austria (AUT)**  
„Mechanical Engineering“ Bachelor of Science  
Main subject: Current Methods in Machine Development
- 2001 – 2006            **Business college (Bundeshandelsakademie) Hallein**  
Business and economics, French language

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<sup>1</sup> On a 0.0 to 4.0 point scale, with 4.0 being the highest the GPA can be

## Professional Experience:

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Since 07/2024 10/2022 – 06/2024 KTM Technologies GmbH <a href="http://www.ktm-technologies.com">www.ktm-technologies.com</a>	<b>Lead Engineer, Technology Development</b> <b>Senior Engineer, Material &amp; Application</b> Concept and technology development in internal projects as well as in projects for third parties in various industries. Trainer for theoretical and practical training courses of composites related topics, such as types of materials, manufacturing methods, mechanics, joining technology, etc. offered for both internal and external participants. Participating in the Chief Engineer Talentpool, which is a one year training program preparing for the role as Chief Engineer.
Since 03/2023 RWT AG <a href="http://www.r-w-t.com">www.r-w-t.com</a>	<b>Member of the Supervisory Board</b> RWT's core activity is the manufacturing of complex turned and milled parts and the machining of cast components, including model construction and the obtaining of cast blanks, high-precision grinding (external and internal cylindrical grinding, surface grinding, noncircular, thread and form grinding), honing, finishing, wire eroding, and the reproduction of engine parts (e.g. for old-timers: connecting rods, camshafts, housings and much more).
Since 10/2022 12/2021 – 09/2022 03/2017 – 11/2021 FH OÖ Studienbetriebs GmbH <a href="http://www.fh-ooe.at">www.fh-ooe.at</a>	<b>University Lecturer (part-time/external)</b> <b>Assistant Professor</b> <b>University Lecturer</b> Materials for Lightweight Design - Composite Materials (Lecture) (30 h) Joining Technology (Lecture) (15 h) Technical Drawing (Lecture + Exercise) (15 h) Strength of Materials (Exercise) (30 h) Finite Element Analysis – Bachelor (Exercise) (15 h) Finite Element Analysis – Master (Exercise) (3 h) FEM with Composite Materials (Exercise) (15 h) Process Simulation of Composite Materials (Lecture) – Part 2: Filling (4 h) Measurement and Test Engineering (Lecture + Exercise) – Part: Digital Image Correlation (7.5 h) Supervision of several Bachelor theses and Master projects/theses
07/2021 – 11/2022 Composites United CU e.V. Austria <a href="http://www.composites-united.com">www.composites-united.com</a>	<b>Management Assistant and Coordinator of CU Austria</b> Building a network of companies and research institutions in the field of composites and multimaterial lightweight design in Austria and internationally. The CU Austria is part of the CU e.V. that spans from Germany, Switzerland, Austria up to Belgium, and is one of the world's largest international lightweight organization. Event organization (CU Innovation Day „Composites – Eine Vielfalt die verbindet (man)“
04/2021 – 09/2022 FH OÖ F&E GmbH <a href="http://www.fh-ooe.at">www.fh-ooe.at</a>	<b>Coordinator Center of Excellence (CoE) Automotive &amp; Mobility</b> Research activity and project acquisition External representation of the CoE, public relations Development of a strategic network Maintaining contacts with companies as well as R&D partners Conference (session) moderation

01/2017 – 09/2022  
FH OÖ F&E GmbH  
[www.fh-ooe.at](http://www.fh-ooe.at)

### **Research Associate and Project Coordinator**

Lightweight design and composite materials; Effects of defects; Finite element simulation, Analytical modelling, Material characterization, Measurement technology (digital image correlation, 3D scan), Computer aided design, Project management/coordination, Research funding, Contribution to the development of both the research group and study program of lightweight design and composite materials

01/2016 – 12/2016  
FH OÖ F&E GmbH  
[www.fh-ooe.at](http://www.fh-ooe.at)  
[www.thermo-ndt.at](http://www.thermo-ndt.at)

### **Research Associate**

Non-destructive testing of composite materials using infrared thermography; Detection of propagating damages in composite materials under dynamic loading; Contract measurements for industrial partners

09/2012 – 07/2015  
TCKT GmbH  
Transfercenter für  
Kunststofftechnik  
[www.tckt.at](http://www.tckt.at)

### **CAE-Engineer and Deputy Head of Quality Management**

FEA with focus on structural mechanics (MSC Patran/Marc) and process simulation of LCM-processes (PAM-RTM) and injection moulding (Autodesk Moldflow); Collaboration and hands-on experience in the composite workshop with various manufacturing methods (hand layup, infusion and injection processes (VARI, RTM), autoclave), Development and design of toolings and test fixtures (SolidWorks), Mechanical material testing, Material characterization for process simulations (draping, filling, curing); Support the continuous improvement process and audits (internal and external) in the accredited test laboratory

01 – 06/2012  
FACC Operations  
GmbH  
[www.facc.com](http://www.facc.com)

### **Student Apprentice**

Diploma thesis: Numerical and experimental investigation of laminate bearing behaviour in thin walled constructions;  
Project in the stress department interior: Finite element simulations (MSC Patran/Nastran) of A350 lateral bin deflection, abuse loads on center spacer and lateral spacer

04 – 07/2011  
FH OÖ F&E GmbH  
[www.fh-ooe.at](http://www.fh-ooe.at)

### **Student Apprentice**

Development of an innovative flood protection system  
CAD (CATIA) and Finite Element Analysis (ABAQUS)

04 – 07/2010  
Robert Bosch AG –  
Werk Hallein  
[www.bosch.at](http://www.bosch.at)

### **Student Apprentice**

Preparation of training plans and training documentation for technical apprenticeships according to the training regulations.  
Review of the curriculum and coordination with the affected production areas  
Revision and extension of training materials for the basic training in metal technology and programmable logic controller PLC

07 – 08/2009  
07 – 08/2008  
RWT (Russbacher  
Werkzeugtechnik)  
Hornegger und  
Thor GmbH  
[www.r-w-t.com](http://www.r-w-t.com)

### **Summer Jobber**

CNC mill and lathe operation  
Conventional turning, milling, grinding  
Deburring, supply and measuring activities, material cutting