

# Resume

Dr. Andreas Thomas Bachmeier, MBA



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December 14<sup>th</sup>, 1993 in Munich



“As an engineer and scientist with an entrepreneurial mindset, I strive to improve people's lives through technological innovations.”

Website

LinkedIn

## Education

05/2021 – 03/2022



**Collège des Ingénieurs, Paris, Munich, Turin**  
**Master of Business Administration (MBA)**

Highly selective, fully financed and international MBA program for engineering and science graduates in collaboration with leading European corporations (e.g., BMW, MTU, Air Liquide, Siemens, VW, Infineon, Roche, Airbus, Daimler, Bosch, ...) and focus on business fundamentals, leadership skills and entrepreneurship.

10/2018 – 11/2021



**Ludwig-Maximilians-Universität München | Faculty of Medicine**  
**Dr. / Ph.D. Biomechanical Engineering**

The PhD covered computational modelling, data collection and statistical analyses, morphological evaluations, system development and test bench design as well as bio-/mechanical testing and validation. The results were/ will be published in two papers (first author) as well as a dissertation and further resulted in a patent application (co-inventor). I have completed the PhD with the highest distinction (summa cum laude).

04/2016 – 09/2018



**Technical University of Munich | Department of Mechanical Engineering**  
**M. Sc. Mechanical Engineering; Final Grade: 1.4**

The aim of the master's program in Mechanical Engineering is to educate students in fundamentals of engineering science and in core competencies to prepare them for challenges in their career.

07/2017 – 12/2017



**Nanyang Technological University, Singapore**  
**Visiting Student at the School of Chemical and Biomedical Engineering**

NTU Singapore is regularly listed among the top 15 universities in the world. The focus was on product design and ergonomics.

10/2012 – 03/2016



**Technical University of Munich | Munich School of Engineering**  
**B. Sc. Engineering Science; Final Grade: 2.1**

The intensive bachelor's program in Engineering Science conveys broad engineering knowledge as well as thorough knowledge of mathematics and the natural sciences and requires 210 ECTS.

## Work Experience

06/2021 – 02/2022



**MTU Aero Engines AG**  
**Business Development | Innovation Manager**

Trend & Technology Analysis | Corporate Foresight | Startup Collaboration | Project Management | Partner Acquisition | Consulting | Knowledge Management | Process Development & Implementation | Presentations up to Board Level | Ideation | IT-Tool Integration (SaaS)

08/2019 – 04/2021



## Rostock University Medical Center

### Biomechanics and Implant Technology Research Laboratory | Research Associate

Experimental Biomechanics | 3D-Modeling | 3D-Ultrasound Imaging | Synthetic Data | Project Management (large-scale joint research project) | Team Leadership

06/2020 – 12/2020



## Hospital of the Ludwig-Maximilians-Universität Munich

### Department of General, Trauma and Reconstructive Surgery | Research Associate

Patient-specific Surgical Techniques | Modeling | CAD | Testing | Validation | Additive Manufacturing | Project Management (small-scale research project)

02/2018 – 04/2021



## OT Medizintechnik GmbH (MedTech-Startup)

### Research & Development | Project Engineer and Master's Thesis

Funding and Partner Acquisition | Intellectual Property | Orthopedic Surgical Techniques | Construction and Design | Modeling | CAD | IT Architecture | Product Development & Management

10/2015 – 03/2016



## LivaNova Germany

### Field Service Support in Cardiac Rhythm Management | Intern

Business Development | Marketing | Sales | Technical Support | Customer Service

## Awards

2020

Research Grant of the German Knee Society (Co-applicant)

07/2020 – 04/2021

PhD Scholarship of the FAZIT Foundation

12/2018 – 05/2019

PhD Scholarship of the German Academic Scholarship Foundation

01/2013 – 09/2018

Scholarship of the German Academic Scholarship Foundation

10/2012 – 04/2013

Deutschlandstipendium

## Skills

IT

**Office:** MS-Office

*Routine Application*

**CAD:** Autodesk Inventor, Catia, Netfabb etc.

*Routine Application*

**Design:** Photoshop, Illustrator, Blender, Sculptri

*Basic Knowledge to Routine Application*

**Other:** Eagle, SPSS, Itonics, Miro, Jira etc.

*Basic Knowledge to Routine Application*

**Programming:** Java, C++, Matlab, Python, HTML, CSS

*Basic Knowledge to Routine Application*

Languages

**English**

*Business fluent – C1: TOEFL Score from 05/2018: 97%*

**German**

*Native Language*

**French**

*Basic Knowledge*

Soft Skills

Leadership, Teamwork, Communication, Problem Solving, Decision-Making, Frustration Tolerance, Critical Thinking, Quick Comprehension, Self-Motivation, Creativity

## Interests

Sports

Mountain Biking, Hiking, Skiing, Swimming, Fitness, Diving, Table Tennis

Private Training

Investing, 2D/3D Design, 3D Printing, Mechatronics, Machine Learning, Entrepreneurship, Web & App Development, Product Management

Munich, April 20<sup>th</sup>, 2022