# Resume

# Dr. Andreas Thomas Bachmeier, MBA



Ellingerweg 94 81673 Munich, Germany



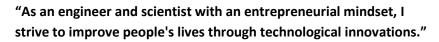
+49 (0) 162 950 3868



andreas.bachmeier@cdi.eu



December 14th, 1993 in Munich





Website 🚇



LinkedIn **in** 



## **Education**

05/2021 - 03/2022



10/2018 - 11/2021



04/2016 - 09/2018



07/2017 - 12/2017



10/2012 - 03/2016



## 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.

#### Ludwig-Maximilians-Universität Munich | 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).

### **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.

#### 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.

#### 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

Universitätsmedizin Rostock

06/2020 - 12/2020



02/2018 - 04/2021



10/2015 - 03/2016



**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

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)

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

**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
	<b>Design:</b> Photoshop, Illustrator, Blender, Sculptris	Basic Knowledge to Routine Application
	Other: Eagle, SPSS, Itonics, Miro, Jira etc.	Basic Knowledge to Routine Application
	<b>Programming:</b> 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-N		ng, Decision-Making, Frustration
	Tolerance, Critical Thinking, Quick Comprehension, Self	f-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 20th, 2022