

# Patrick Haußmann

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## Experience

### Board Member (CFO) and Head of IT, UniKult e.V.

- Held dual leadership roles as Head of IT and CFO (12/2023–12/2024), overseeing technology strategy and operational decision-making for a 30+ member **non-profit**
- Directed the planning and execution of multiple large-scale annual events attended by several thousand students
- Planned and executed new **high-availability on-prem infrastructure**, significantly improving system reliability, security, and organizational IT capabilities
- Led the full transition from cash to contactless payments, streamlining transactions and improving the guest experience

Munich, Germany  
 10/2022 to present  
 3 years

### Research Assistant, Systems Biophysics, LMU Munich

- Supported an **interdisciplinary research team** in the design, planning, execution, and presentation of biochemical experiments
- Performed a range of analytical techniques, including HPLC-MS, PCR, and gel electrophoresis, to generate high-quality experimental data
- Refined laboratory workflows for reproducibility and reliable data analysis

Munich, Germany  
 01/2023 to 07/2023  
 7 months

### Student Teaching Assistant, LMU Munich

- Academic tutoring, and **internship supervision** for undergraduate students
- Evaluated lab reports and the end-of-course exam, ensuring consistent academic standards and delivering constructive feedback

Munich, Germany  
 04/2021 to 08/2021  
 5 months

### IT Consultant, Sportfreunde 02 Reutlingen e.V & KHR

- Provided ongoing technical support, troubleshooting, and system maintenance; initiated, developed, and launched a new organizational website

Remote  
 09/2018 to 09/2024  
 6 years

### Voluntary Social Year, Kolpinghaus Reutlingen

- Engaged in youth work and community integration activities, organizing events and supporting day-to-day administrative tasks

Reutlingen, Germany  
 09/2017 to 08/2018  
 1 year

## Education

### MS Ludwig-Maximilians-Universität München, Master of Science in Physics

- Focus: Solid State, Semiconductor and Nanophysics
- Master Thesis: "Cryogenic Ultra-Fast Optical Spectroscopy on Perovskite Nanocrystal Dispersions" at Nanospectroscopy Group
- Co-authored Publication: "Design Rules for Perovskite Nanocrystals: Volume-Governed Absorption Versus Shape-Controlled Auger Recombination". Adv. Optical Mater. 2025, doi:10.1002/adom.202501137

10/2022 to present

### Aarhus University, Denmark, Erasmus Exchange Semester

- Focus: Ultrafast Science

01/2022 to 07/2022

### BS Ludwig-Maximilians-Universität München, Bachelor of Science in Physics

- Bachelor Thesis: "Templated RNA ligation catalyzed by SunY ligase ribozyme from random sequence pools" at Systems Biophysics

10/2018 to 09/2022