Lukas Hofmann

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● Languages ●

German
●●●●●
Mother tongue

English
●●●●●
C2

French
●○○○○
A2

Russian
●○○○○
A1

Latin
●●●●●
Latinum

● Personality ●

- High learning aptitude
- Great project dedication
- High sense of responsibility
- Team-oriented
- Honest
- Empathic

● Social work & volunteering ●

- Tutor for Biology, Chemistry, Physics, Math and English since 2016
- Volunteer for Tafel Deutschland e.V.

Education

December 2023 – dato	**Max Planck Institute for Terrestrial Microbiology & Philipps-University of Marburg - Department of Chemistry** PhD-Candidate
October 2020 – October 2023	**Technical University of Munich** Master of Education in Biology & Chemistry
October 2017 – September 2020	**Technical University of Munich** Bachelor of Education in Biology & Chemistry
September 2016 – September 2017	**Richard-von-Weizsäcker vocational college in Lüdinghausen** Voluntary service in education
September 2004 – July 2016	**St. Antonius Gymnasium in Lüdinghausen** Focus: Biology & English

Research & work experience

April 2023 – October 2023	**Helmholtz Center Munich - German Research Center for Environmental Health** *Master's thesis* ➢ Next generation sequencing, Handling large datasets with R, qPCR
November 2022 – January 2023	**TUM Institute for Medical Microbiology, Immunology and Hygiene** *Student assistant* Tutor for the practical course in medicinal microbiology
August 2022 – October 2022	**TUM Chair of Microbiology** *Scientific internship* ➢ Anaerobic technique, plate screening, optimization of cultivation
March 2022 – April 2022	**TUM Chair of Biochemistry** *Scientific internship* ➢ Fluxome-Analysis, GCMS, pathogen & host interaction, isotope labelling
April 2020 – October 2020	**TUM Chair of Microbiology** *Bachelor's thesis* ➢ Anaerobic technique, diverse characterization methods, 16S rRNA-Sequencing, assessment of industrial value
March 2020, October 2020	**TUM Chair of Plant Physiology** *Scientific internship* ➢ Promotor activity analysis, Plasmid construction, plant-physiological analyses

Additional skills & proficiencies

MS Office (Excel, Word, PowerPoint, Outlook)	●●●●●
Google-Tools (Mail, Calendar, Meetings, Drive)	●●●●●
Databank analysis (BLAST, UniProt, KEGG)	●●●●○
Software (Rstudio, GCMS Analysis, Audacity, Unipro, Origin, ImageJ, ChemDraw, MestReNova, SerialCloner, MEGA)	●●●●○