

Sara Katharina Musiol
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SARA KATHARINA MUSIOL

Education

October 2024 — now	Master's in Business Mathematics at Technische Hochschule Mittelhessen, expected to graduate in 2026, current grade point average 1.4
October 2022 — January 2023	One academic semester aboard at University of Essex
October 2020 — September 2024	Bachelor's in Business Mathematics at Technische Hochschule Mittelhessen, final thesis on the influence of ESG factors on the valuation of derivatives, overall grade of 1.1
September 2018 — January 2019	Study of mathematics with a minor in economics at Technische Universität Dortmund, not finished due to leukemia diagnosis in January 2019
September 2010 — July 2018	Humboldtschule Bad Homburg , Acquisition of the general higher education entrance qualification (Abitur) with a grade of 1.3

Work Experience

Mai 2023 — now	Working student in Controlling for Asset Management at Commerzbank,
February 2023 — April 2023	Internship in Controlling for Asset Management at Commerzbank
October 2021 — July 2022	Tutor/exercise group leader for Mathematics 1 & 2 at the THM

Expertise

Foreign Language Skills	• German, native Speaker • English, C1, one term of study at the University of Essex • French, B2, 8 years of schooling
Programming	• Microsoft Office, very good knowledge, including the creation of an Excel tool for asset management, which is made available on the intranet • R, Good knowledge, use for data analysis in six semesters • Java, Basic knowledge, introduction in two semesters • SQL, Basic knowledge, introduction in one semester • Python, Basic knowledge, introduction in one semester
Artificial Intelligence	• Commerzbank: Validation of AI in chatting mode including presentation at cluster review as part of working student responsibilities

Activities

January 2024 — January 2025 Mai 2022 — April 2023,	Member of appointment committees for Bachelor and Master's in business mathematics
2023 – now 2013 – 2017	Member of the Mixed Generation Orchestra Oberursel with the tuba , participation in concerts and exchanges with the twin town Épinay-sur-Seine
May 2024 – May 2025	Mentee in the ProCareer.MINT program of Mentoring Hessen, mentored by IT Scrum Master at KfW