

Jan Jakob

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EDUCATION

- Apr. 2025 **University of Heidelberg** B.Sc. Mathematics
June 2025
 - Expected final GPA 1.4 (Germany)
 - Completion of my mathematics degree next semester in Heidelberg after accreditation of all math modules from my bachelor's degree in physics and from LMU
- Feb. 2024 **Center for Digital Technology and Management (CDTM)** Honours Degree Technology Management
Aug. 2025
 - Current GPA 1,0 (Germany)
 - [CDTM](#), a joint institution of the LMU Munich and the Technical University of Munich, offers talented students the international and interdisciplinary study program Technology Management to complement their primary studies with practical courses in tech and management.
- Oct. 2023 **Ludwig Maximilian University of Munich** B.Sc. Mathematics
Mar. 2025
 - Current GPA 2,0 (Germany)
- Oct. 2018 **University of Heidelberg** B.Sc. Physics
June 2022
 - Final GPA 1,2 (Germany)
 - Graduated with honors
- Feb. 2019 - **Studienstiftung des deutschen Volkes** Scholarship
June 2022
 - Awarded for outstanding academic potential; extended in 2021
- Oct. 2010 - **Friedrich-Schiller-Gymnasium Marbach am Neckar** A levels (Abitur)
July 2018
 - Top of the year, final GPA 1,0 (Germany)
 - Early studies of experimental physics courses at the University of Stuttgart

WORK EXPERIENCE

- June 2022- **Co-Founder, Head of Product, Silberfluss Technologies GmbH, Munich (silberfluss.io)**
Sep. 2024
 - Built a client portal for law firms to relieve their paralegals of ongoing calls and make client communication more efficient. Our solution helps law firms automate client updates, empower clients with a user-friendly portal, and educate them on case progression. After negotiating cooperation agreements, we integrated our solution into the most major case management software in Germany and bootstrapped our solution to 6k monthly active users.
 - Led our development team of three developers
 - Promotion with 120k euros through the German Economic Foundation, UnternehmerTUM and an EXIST business start-up grant
- Nov. 2020- **Working Student, Software Development, Allianz Technology SE, Stuttgart**
Feb. 2022
 - Developed a cache solution for life insurance computations on mainframes leading to savings of over a million euros per year
 - Established a monitoring solution for Allianz's mortgage loan and life insurance services
- Aug. 2020- **Summer Intern, Software Development, Allianz Deutschland AG, Stuttgart**
Oct. 2020
 - Developed features in Java for Allianz's mortgage loan and life insurance services
 - Learned a lot about DevOps and cloud development for applications with thousands of users per hour
- July 2020 **Freelancer for Recruitment, Compusafe Data Systems AG, Stuttgart, Munich**
 - Developed and co-implemented an assessment center for Java full-stack developers at Allianz
 - Conducted the technical part of the interviews (in person and virtual)

FURTHER EDUCATION

- 2021 **International School and Conference GEOQUANT 2021**
- Attended an international school and conference dedicated to geometry related to quantization ([GEOQUANT2021](#)) after giving a talk about Kirillov's orbit method in an university seminar about geometric quantization
- 2020, **DOPPLERS, Physics Team Competition for Students of all Semesters, German Physical Society**
2021
- Two participations with our team of 4 physics students
 - Reached the top ten in 2021 (out of 40 teams)
- 2019- **College of Natural Sciences and Engineering, Studienstiftung**
2021
- Part of the astronomy working group led by Prof. Andreas Quirrenbach. We met every six months over the course of 2 years to work on specific topics from CMB, gravitational waves to black holes together with guest lectures like Prof. Eiichiro Komatsu, one of the directors of the Max Planck Institute for astrophysics.

FURTHER EXPERIENCE

- Oct. 2020- **Teaching Assistant, University of Heidelberg, Mathematics Department**
Feb. 2021
- Gave weekly two tutorial lectures for freshmen in mathematical analysis (~ 25 participants)
- July 2019- **Head of IT, Galilei Consult e.V., Student Consultancy, Heidelberg**
Sep. 2020
- Led a team consisting of five members that was concerned with server administration, the maintenance and further development of a self-programmed intranet to ensure the work of the consulting (~ 50 members)

VOLUNTARY COMMITMENT

- Apr. 2023- **Honorary Teaching, StarCode e.V., Munich**
July 2023
- Honorary taught a programming course about the basics of web development for schoolgirls between the ages of 12 and 15 to ensure more gender diversity in the tech industry and to enable more women in computer science (~ 20 participants)
- June 2019- **Site Management, Studenten bilden Schüler e.V., Heidelberg**
Dez. 2021
- Matched students as volunteer tutors with students from low-income families and immigrant backgrounds
 - Managed relationships with social organizations in Heidelberg
- Feb. 2019- **Honorary Tutoring, Studenten bilden Schüler e.V., Heidelberg**
June 2019
- Honorary tutored an Afghan refugee in English and German

SKILLS & INTERESTS

Languages	German (native), English (fluent), Spanish (beginner), Romanian (beginner)
Technology	Python, Java, JavaScript and corresponding Frameworks, C++, DevOps
Interests	Entrepreneurship, Software Development, Computational Science, New Technologies, Piano, Volleyball, Mountain Biking