

Tilman Joris Bockhacker

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EDUCATION

- Jul. 2025- **Stellenbosch University** | M.Sc. Data Science
Dec. 2025 • Semester abroad
- Oct. 2024- **Leipzig University** | M.Sc. Data Science
Juli. 2026 • GPA 1.1/5.0: (Finished 2nd Semesters with 75 ECTS)
- Aug.-Dec. 2023 **Indiana University** | Major: Business Analytics & Information Systems
• GPA 4.0/4.0 (Semester abroad)
- Oct. 2020- **Augsburg University** | B.Sc. Industrial Engineering
Dec. 2023 • GPA: 1.38/5.0 (Additional courses in B.Sc. Computer Science)
- Aug. 2011- **St. Benno-Gymnasium Dresden** | A levels (Abitur)
Jun. 2019 • GPA: 1.5/6.0 (Major in: Mathematics, Physics and Chemistry)

WORK EXPERIENCE

- Feb. 2021- **Student Research Assistant | Fraunhofer FIT** Business Informatics Division, Augsburg
• Mathematical modelling and optimization for various projects in the energy sector with focus on the alignment of industrial processes to the fluctuating energy supply
• Lead author of a milestone in a 100 million euro publicly funded research project
• Programming activities for the website of the research institute
• Conducting job interviews for student research assistants
• Leadership role in a team consisting of four student research assistants
- Feb. – May 2024 **Intern, Data Analytics & AI Team | Porsche Consulting** GmbH, Munich
• Modelling and optimization of route planning for a leading global logistics company
• AI use-case analysis in the semiconductor industry
- May – July 2023 **Intern, Business Development | Tech-Startup** (credium GmbH), Augsburg
• Development of a market strategy and scalable sales process for SaaS products
- Apr.–May 2022 **Intern, Software Development | Tech-Startup** (eLoaded GmbH), Innsbruck
• Frontend & backend programming activities
- Aug.–Sep. 2019 **IT Technician | Trans4mation** GmbH, Dresden
• Migration of the computers for one of the largest companies in Germany

PUBLICATIONS

- Lead-Author Stumbling Block of the Energy Transition: The Electricity Grid Charge Regulation in Germany - Insights from a Paper Industry Case Study *Z Energiewirtschaft* 48, 34–57 (2024)
- Co-Author Further Development of the Grid Fee System, *Z Energiewirtschaft* 49, 40–71 (2025)
- Co-Author System-orientated development of atypical grid use, *Z Energiewirtschaft*, 49, 4–33 (2025)

SKILLS & INTERESTS

- Basketball Played competitive Basketball during high school (up to 3rd national league)
- Volunteering Board Member of the Academic Energy Association Leipzig
Three years as assistant coaching of youth teams
- Technology AWS, MS Office, Python, R, C, CSS, HTML, Java, JavaScript, TypeScript, Gurobi, GAMS
- Scholarships DAAD Zuse Schools of Excellence in AI, PROMOS, Erasmus+

