

# Tilman Joris Bockhacker

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## EDUCATION

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- 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 2<sup>nd</sup> Semesters with 75 ECTS)
- Aug.-Dec. **Indiana University** | Major: Business Analytics & Information Systems  
2023      • 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

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- 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 **Intern, Data Analytics & AI Team** | **Porsche Consulting** GmbH, Munich  
2024
- Modelling and optimization of route planning for a leading global logistics company
  - AI use-case analysis in the semiconductor industry
- May – July **Intern, Business Development** | **Tech-Startup** (credium GmbH), Augsburg  
2023
- Development of a market strategy and scalable sales process for SaaS products
- Apr.–May **Intern, Software Development** | **Tech-Startup** (eLoaded GmbH), Innsbruck  
2022
- Frontend & backend programming activities
- Aug.-Sep. **IT Technician** | Trans4mation GmbH, Dresden  
2019
- Migration of the computers for one of the largest companies in Germany

## PUBLICATIONS

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- 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)

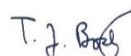
## SKILLS & INTERESTS

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- Basketball      Played competitive Basketball during high school (up to 3<sup>rd</sup> 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+

11.01.2025

Date



Signature

