Jan Kunkler

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Biography

A dedicated data scientist with nearly 10 years of experience, I specialize in harnessing data to drive strategic decision-making. My programming interests span both frontend and backend development, enabling me to create comprehensive solutions that enhance operational efficiency. With a focus on sustainable logistics and innovative data applications, I am committed to leveraging technology to solve real-world challenges.

Education

Dr.   **University of Regensburg**, Business Administration   June 2020 – Feb 2023
- Dissertation: Road Network Performance Measurements (magna cum laude)
- Research Interests: Decision Support Systems, Sustainable Operations & Green Logistics

M.Sc. **University of Regensburg**, Business Administration   Oct 2017 – Sept 2019
- Thesis: Evaluation of aerial photographs to support transport calculations (1.3)
- Focus: Industrial Management, Management & Leadership, Business Informatics

B.Sc. **University of Trier**, Business Administration   Oct 2013 – Feb 2017
- Thesis: Relevance of Social Media in B2B Industrial Automation (1.7)
- Focus: Marketing Research & Management

Experience

Lobster, Principal Data Scientist   Tutzing, DE   June 2024 – present
- Spearheading the data and AI strategy to drive innovation and operational efficiency across the organization.
- Establishing a comprehensive machine learning and AI stack from the ground up, enhancing data-driven decision-making capabilities.
- Leading cross-functional teams to develop and implement advanced information retrieval solutions, resulting in a 40% improvement in retrieval accuracy.
- Collaborating with stakeholders to identify key business challenges and leverage data insights to inform strategic initiatives.

logistics.cloud, Digital Solutions Manager   Tutzing, DE   Oct 2023 – May 2024
- Impact: Established Customer Success Process to deliver customized logistics solutions at 40% increased operational efficiency.
- Leadership: Managed a cross-functional team of 10 specialists, delivering projects on time and within budget.

University of Regensburg, Postdoc // Interim Chair   Regensburg, DE   Apr 2023 – Sept 2023
- Engagement: Taught over 250 students in Master's and Bachelor's Degrees in Controlling & Logistics.
- Mentorship: Supervised 6 Bachelor and 3 Master Theses in topics concerned with Digitalization of Supply Chain Operations.

NG.network, Data Science Consultation (Freelancer)   Remote

- Collaboration: Empirical study of in-hub fulfillment processes throughout five German locations.
- Result: Developed a calculation framework for 48 regional companies, improving network efficiency by 28%.

System Alliance, Data Science Consultation (Freelancer) — Remote, Apr 2022 – Oct 2022
- Cost Reduction: Created an updated freight cost model that reduced expenses by 12% for 47 regional companies.

DHL Freight, Data Science Consultation (Freelancer) — Remote, June 2021 – Mar 2023
- Network Optimization: Designed a freight cost model for a distribution network covering 44 locations, improving logistics efficiency by 18%.

Braun & Kunkler GbR, Co-Founder // Full-Stack Developer — Burglengenfeld, DE, June 2020 – Mar 2022
- Innovation: Developed the RESET app for student self-assessment, adopted by 500+ students.
- Collaboration: Worked with Prof. Dr. Thomas Löw, enhancing academic and practical application of the project.

University of Regensburg, Research Associate — Regensburg, DE, Sept 2019 – Mar 2023
- Performance: Achieved a 100% satisfaction rate in teaching evaluations for Supply Chain Management (>30 Master Students).
- Mentorship: Supervised 30+ theses, enhancing student research quality and industry collaboration.

University of Regensburg, Research Assistant — Regensburg, DE, Aug 2018 – Aug 2019
- Teaching: Tutor for Supply Chain Management (M.Sc.) and Controlling (M.Sc.).
- Research: Assistance in data gathering and preparation for three publications and two lectures.

Veolia Industriepark Deutschland, Assistant Software Implementation — Heinsberg, DE, Aug 2017 – Jan 2018
- Implementation: Launched the BizzPark app at the Heinsberg site, improving operational trucking workflows.

Publications

Sustainable City Evaluation Using the Database for Estimation of Road Network Performance — Dec 2022

Jan Kunkler, Florian Kellner

10.3390/su15010733 ↗

Speed Limit Induced CO2 Reduction on Motorways: Enhancing Discussion Transparency through Data Enrichment of Road Networks — Jan 2021

Jan Kunkler, Maximilian Braun, Florian Kellner

10.3390/su13010395 ↗

Towards Sustainable Cities: Utilizing Floating Car Data to Support Location-Based Road Network Performance Measurements — Oct 2020

Maximilian Braun, *Jan Kunkler*, Florian Kellner

10.3390/su12198145 ↗

Books

Road Network Performance Measurements — Mar 2023

Jan Kunkler

10.5283/EPUB.53802 ↗

Technologies

Languages: C#, Go, JavaScript, LATEX, Python, R, Scala, shellscript, SQL, VBA

Technologies: AWS, d3.js, Flask, Flutter, Git, Metaflow, OSMnx, pyTorch, QGIS, Svelte, Tableau, streamlit