



Julian Rakushek

Visual Analytics Researcher

📍 Graz, Austria
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📅 17.02.2000
🗣 English (B2), German (Native)

Profiles

🔍 [Google Scholar](#)
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🆔 0009-0000-9387-1785
🐙 [GitHub](#)

Education

Matura (Grammar School)

2010 – 07/2018
Europagymnasium Klagenfurt

Bachelor Computer Science

10/2019 – 08/2022
TU Graz

Master Computer Science

10/2022 – 06/2024
TU Graz

PhD Computer Science

07/2024 - ongoing
TU Graz

Awards

Best Master's Thesis

Fraunhofer IGD
12/2024

🔗 [Link](#)

Work Experience

Chax.at

Web Developer

02/2023 – 06/2023

TU Graz

Student Project Assistant (Ursula Augsdörfer and Tobias Schreck)

03/2024 – 06/2024

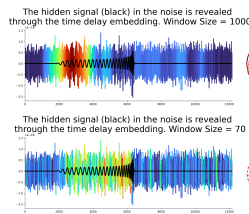
TU Graz

Project Assistant (Tobias Schreck) - PhD Student within the PRESENT research project, which is about time series visualization.

07/2024 – ongoing

Selected Publications

2025 Short Paper @ EuroVis

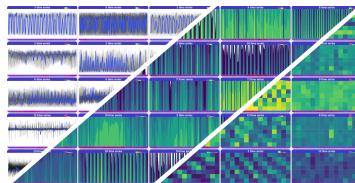


Visual Fingerprints of Vibration Signals Using Time Delay Embeddings

Julian Rakushek, Adrian Boesze, Johanna Schmidt, Tobias Schreck

🔗 [10.2312/evs.20251094](https://doi.org/10.2312/evs.20251094)

2025 Journal Article @ SAGE Information Visualization (IVI)



Scalable visual exploration of time series and anomalies with adaptive level of detail

Julian Rakushek, Josef Suschnigg, Patrick Louis, Belgin Mutlu, Tobias Schreck

🔗 [10.1177/14738716251363236](https://doi.org/10.1177/14738716251363236)

2025 Short Paper @ VINCI

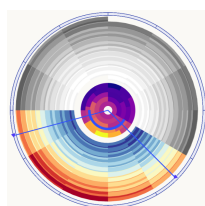


AnoScout - Visual Exploration of Anomalies and Anomaly Detection Algorithm Ensembles in Time Series Data

Julian Rakushek, Michael Leitner, Jürgen Bernard, Selina C. Wriessnegger, Tobias Schreck

🔗 [10.1145/3769534.3769577](https://doi.org/10.1145/3769534.3769577)

2026 Journal Article @ Computers & Graphics



Guided spiral visualization for periodic time series and residual analysis

Julian Rakushek, Helwig Hauser, Tobias Schreck

🔗 [10.1016/j.cag.2026.104535](https://doi.org/10.1016/j.cag.2026.104535)