

BEN LAKHOUNE

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[LinkedIn](#)

Education

2022 - 2024

Master of Science Computer Science RWTH Aachen University

- Focus in Data Science und Process mining.
- Thesis: Enhancing Chatbot Performance using Process Mining
- Internship: Marketpenetration modeling at [E.ON](#)
- Practical Lab: Automatic Conformance Checking at [PADS](#) ([GitHub](#))
- In-depth Colloquium: Process Mining

2017 - 2022

Bachelor of Science Computer Science RWTH Aachen University

- Focus on Data- and Information management.
- Thesis: Chatbot-assisted Community Analysis

Experience

Since 04.2024

Consultant at [Capgemini Invent DE](#)

- Modeling and implementation of an E2E digital twin using Object-centric process mining
- Development of complex SQL queries for ETL processes
- Automating repetitive tasks using RPA technologies
- Conducting workshops to present analysis insights and derive optimization measures

09.2023 - 01.2024

Student Consultant at [Capgemini Invent DE](#)

- Deployment of Operational Dashboards to steer production in supply chain
- Leading Data-driven Sustainability workshop at ESCP Berlin

05.2020 - 08.2023

Research Assistant for [ACIS working group](#)

- Data mining as part of the [tech4comp](#) project
- Full-stack web development
- Chatbot Development

Since 2017

Web development

- Open-source projects on [GitHub](#)
- Webmaster for [AVL student circle](#)

Skills

Languages

German (C2), English (C1), French (C1), Luxembourgish (C2), Japanese (A2)

Certifications

[Celonis Certifications](#)

Technical Skills

- Machine Learning (RASA, scikit-learn)
- Process Mining (Celonis, SAP Signavio, PM4PY)
- Programming and Web development (Java, SQL, Angular, HTML, CSS, Docker, Kubernetes)

Soft Skills

Analytical thinking, Problem solving, Teamwork