



Tobias Brachmann

Experience

- **Bachelor Thesis | RWTH Aachen University** 10/2024 - Current
How to Visualize Object-Centric Petri Nets
Developing a web-based tool to visualize object-centric Petri nets
 - **Skills:** Algorithms and Data Structures, TypeScript, React, Node, Scientific Writing
- **Software Developer** 5/2024 - Current
RWTH Aachen University | Institute of Industrial Engineering and Ergonomics
As a working student, I am developing a Moodle plugin for the D4MINT project. This plugin is used to evaluate group projects in an educational context.
 - **Skills:** PHP, JavaScript, Git, SQL, HTML, CSS, Bootstrap
- **Collective Incubator**
As part of my voluntary engagement with the Collective Incubator, one of Europe's leading tech incubators at RWTH Aachen University, I contributed to the development of a co-innovation platform.
 - IT 10/2024 - Current
 - Creating graphical representations for the Collective Incubator cloud using Chart.js
 - **Skills:** PHP, Laravel, Nova, JavaScript, Chart.js, Git
 - Head of Incubation Management** 5/2024 - 10/2024
 - As a member of the extended board, I led a small team to support initiatives in terms of funding, marketing, and workshops.
 - **Skills:** Conflict Management, Leadership, Project Management, Communication
 - Incubation Manager** 5/2023 - 4/2024
 - Raised awareness for the Collective Incubator with a marketing campaign at the RWTH Aachen University
 - **Skills:** Teamwork, Communication
- **Employee** 11/2019 - 8/2020
REWE Thieß Passon oHG
 - Inventory Management, Customer Service, Cashier

Education

- **RWTH Aachen University** 2021 - Current
B.Sc. Computer Science
 - **Courses:** Algorithms and Data Structures, Discrete Structures, Programming, Process Mining
 - **Skills:** Python, Java, C++, Data Structures, Process Mining, Problem-Solving
 - **Current Grade:** 1.6
 - **Expected Graduation Date:** March 2025
- **University of Gothenburg** 8/2023 - 1/2024
Exchange semester (Computer Science)
 - **Courses:** AI, Functional Programming, Concurrent Programming
- **German Sport University Cologne** 2020 - 2021
 - B.Sc. Sport and Performance (no degree)
 - Switched to Computer Science at RWTH Aachen University after two semesters
- **Stormarnschule, Ahrensburg** 2011 - 2019
 - German Abitur
 - **Grade:** 1.9