# Maximilian Krebs

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 @printerboi

## Employment

2021 – ····  📑 **Lead developer** Sugarpool GmbH - Development of modern web applications and coordination of the development process.

2017 – 2021  📑 **Junior web developer.** Sugarpool GmbH - Focus on Wordpress, PHP and React.

## Education

2023 – ····  📑 **M.Sc. Computer Science** TU Dortmund University.

2019 – 2023  📑 **B.Sc. Computer Science** TU Dortmund University
Thesis titel: *Prädiktive, statische Energieverbrauchsanalyse basierend auf experimentell ermittelten Energiemodellen.*
Grade: 2.2

2011 – 2019  📑 **A-Levels** Gymnasium Lindlar - Grade: 1.5

## Skills

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| Languages: | 📑 | German, English |
| Programming languages: | 📑 | Java, C, C++, PHP, SQL, TS, JS, LaTeX, … |
| Web development: | 📑 | Html, CSS, React, nginx, Apache Web Server |
| Misc: | 📑 | Docker, Git, Testing, Teamplayer, Interdisciplinary interests |

## Scientific publications

**1** M. Krebs, "Prädiktive, statische energieverbrauchsanalyse basierend auf experimentell ermittelten energiemodellen," in *SE 2024 - Companion*, Gesellschaft für Informatik e.V., 2024, pp. 179–180. 🔗 DOI: `10.18420/sw2024-ws_16`.

# Miscellaneous

## Awards

2024  **1st place in the student research competition**, GI-SE 2024.
Award for my bachelor thesis with special praise for the high level of scientific rigor and the high significance for the field of sustainable software development.

**1st place in the "Betriebssystembau" contest**, System Software Group, TU Dortmund .
Me and a fellow student co-developed "GameboySTUBS", an emulator for Gameboy games, seamlessly integrating it into STUBS, a student operating system we collectively developed over a semester. Our collaborative project, received an award for excellence upon submission.

2016  **Invent a Chip - BMBF Sonderpreis**,
Federal Ministry of Education and Research (BMBF) and VDE e.V.
Development of an FPGA-based prototype for a smart rollator, which should provide users with many features to ensure mobile and safe use.