

Résumé

Contact Information

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codeberg.org	Volker_Weissmann
GitLab.com	volkerweissmann
GitHub.com	Volker-Weissmann
StackOverflow.com	Volker Weißmann

Technologies

Languages	Rust, C, C++, Python, Julia, \LaTeX , AVR Assembler, Haskell, HTML, CSS, JavaScript
Build Systems	Meson, CMake, GNU Make
Operating Systems	Arch Linux, NixOS, RHEL, Debian
Other	Git, Svn, OracleDB, Jenkins, Fuzzing, basic knowledge about cryptography and web-development, good knowledge of build systems
Skills	Excellent debugging skills, even in unfamiliar codebases

Languages

German	Native
English	Fluent

Work Experience

07/2022 - Today	Software Developer at a small company that shall not be named. We maintain a web-application backend for a very large company that shall not be named. This backend was written 25 years ago in C.
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07/2018 - 09/2021 Working at the institute for Aircraft Propulsion Systems as a programmer. Implementing numerical calculations in OpenFOAM (C++) and other code (Rust, Python).

University of Stuttgart

10/2019 - 03/2022 Master of Science in Physics. Grade: 2.0.
Master's thesis Field: Theoretical statistical physics
Title: Quality Factor of Oscillations under Langevin Dynamics

10/2016 - 10/2019 Bachelor of Science in Physics. Grade: 2.0.
Bachelor's thesis Field: Theoretical statistical physics
Title: Driven Langevin dynamics in a step potential

Paper Propagator for a driven Brownian particle in step potentials, published by IOPScience
Coherence of oscillations in the weak-noise limit, published by American Physical Society

School

2014 - 2017 Building and Programming Autonomous Robots at School
07/2016 Abitur, Gymnasium Renningen. Grade: 2.1

Learning about Software in my Free Time

Writing bug reports
Contributing to open-source software
Programming smaller projects
Reading blogposts
Reading papers
Watching talks