

# Résumé

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## Contact Information

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|-------------------|-------------------------|
| Name              | Volker Weißmann         |
| Date of birth     | 18.06.1999              |
| Phone             | +4917681592460          |
| E-Mail            | volker.weissmann@gmx.de |
| Website           | weissmann.pm            |
| codeberg.org      | Volker_Weissmann        |
| GitLab.com        | volkerweissmann         |
| GitHub.com        | Volker-Weissmann        |
| StackOverflow.com | Volker Weißmann         |

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## Technologies

|                   |   |
|-------------------|---|
| Languages         | Rust, C, C++, Python, Julia, L <sup>A</sup> T <sub>E</sub> X            |
| Build Systems     | Meson, GNU Make   |
| Operating Systems | Arch Linux, Debian  |
| Other             | Git, Fuzzing, Pest parser generator, basic knowledge about cryptography |
| Skills            | Excellent debugging skills, even in unfamiliar codebases                |

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## Languages

|         |        |
|---------|--------|
| German  | Native |
| English | Fluent |

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## Work Experience

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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). |
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## University of Stuttgart

- 10/2019 - 03/2022  
Master's thesis  
Master of Science in Physics. Grade: 2.0.  
Field: Theoretical statistical physics  
Title: Quality Factor of Oscillations under Langevin Dynamics
- 10/2016 - 10/2019  
Bachelor's thesis  
Bachelor of Science in Physics. Grade: 2.0.  
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

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## School

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

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## Learning about Software in my Free Time

- Writing bug reports
- Writing merge requests
- Programming smaller projects
- Reading blogposts
- Reading papers
- Watching talks