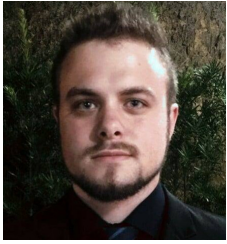


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Received a MSc degree in 2020, from the Federal University of Santa Catarina, Brazil, and is currently a Ph.D. student at UFSC, where he is a member of the Software/Hardware Integration Lab (LISHA) since 2018.

Profession

- Ph.D student in Computer Science at Federal University of Santa Catarina (UFSC) in the topic of "On the Specification and Verification of Safety Properties in Data-Driven Critical Systems".
- Curriculum vitae: [Lattes](#), [ORCID](#), [Research Gate](#), [Google Scholar](#), [LinkedIn](#)

Research Topics

- Autonomous Vehicles Safety and Security
- Data-Centric Design of Cyber-Physical Systems
- Multi-Core Real-Time Systems
- Machine Learning Techniques

Current Projects

- [AutoDL — Secure and Privacy-Aware Data Lake for Vehicle Data Storage and Processing](#) (2024-2027): Rota 2030
- [SDAV — SmartData for Autonomous Systems](#)

Past projects

- [Auto5G — Intelligent Vehicle Telemetry and Supervision System](#) (2023-2026): Rota 2030
- [SmartData IoT Platform](#)
- [EPOS: Embedded Parallel Operating System](#)
- [WSN Multicore EPOS Gateway in Raspberry](#)
- [Real-time Multi-core Scheduling Heuristic](#)
- [Adaptive DVFS for EPOS Multicore Schedulers](#)
- [Online Learning DVFS Optimization for Multicore Real-Time Embedded Systems](#)

Publications ([bibtex](#), [full list](#))

<https://lisha.ufsc.br/pub/index.php?author=Hoffmann>

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