

M.Sc. Victor Noster Kürschner

Profession

- Ph.D. candidate [Electrical Engineering](#), at the Federal University of Santa Catarina (UFSC).
- M.Sc in [Electronic Systems Engineering](#) from the Federal University of Santa Catarina (UFSC).
- B.Eng. in [Electrical Engineering](#) from the Regional University of the Northwest of the State of Rio Grande do Sul (UNIJUÍ).
- Curriculum Vitae ([Lattes](#)).

Research Activities

Research Topics

- Embedded Systems Development
- Low Power Systems
- Energy Harvesting
 - Thermoelectric energy harvesting systems

Projects

- Thermoelectric energy harvesting associated with heat pipes.
- Acoustic energy harvesting for underwater seismic applications.

Publications

- [An Open-Source, Reconfigurable FlatSat Platform for CubeSat Verification: Design and Validation](#), June 2026
- [Systematic Feature and Method Selection for Two-Phase Flow Classification Using Multi-Wavelength Near-Infrared Sensors](#), February 2026
- [A Battery-Aware Sensor Fusion Strategy: Unifying Magnetic-Inertial Attitude and Power for Energy-Constrained Motion Systems](#), January 2026
- [Performance Evaluation of Seawater Battery Power Generation in a Monitored Environment](#), November 2024
- [Thermoelectric energy harvesting associated with heat pipes for monitoring highways weather conditions](#), August 2024

Contact

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