



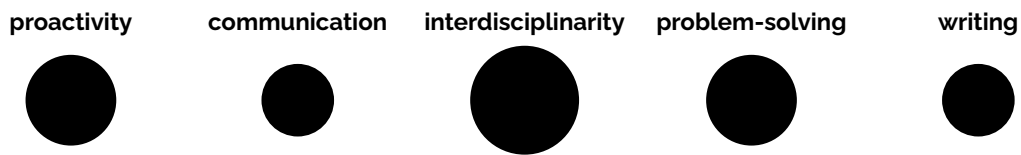
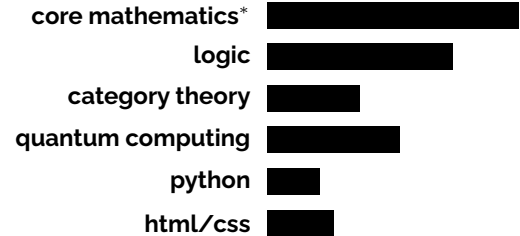
**JÚLIO
BARCZYSZYN**
Mathematical Philosopher

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who am i?

I'm an aspiring Mathematical Philosopher. My background combines Mathematics, Philosophy, and Physics, bridging the gap between **logical foundations** and **modern applications**, making me a unicorn that can tackle deep conceptual and complex practical problems such as those on the frontiers of science and industry — from Physics to Artificial Intelligence.

*Here "core" refers to Linear Algebra, Probability Theory, etc.

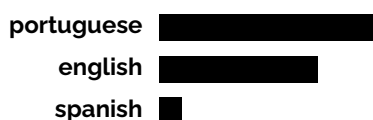


experience

2021 — current part-time	Undergraduate Research Fellow I'm studying logical foundations of physical theories under the supervision of Prof. Jonas R. Becker Arenhart in the Research Group in Logic and Foundations of Science at UFSC. Research / Philosophy of Science / Logic / LaTeX	Universidade Federal de Santa Catarina
2019 — 2021 part-time	Undergraduate Teaching Assistant Provided academic support for undergraduate students, focusing on topics such as Peano axioms, elementary Number Theory, methods of proof, and logical reasoning. Teaching / Number Theory / Logic / LaTeX	Universidade Federal de Santa Catarina
2013 — 2014 part-time	Web Designer End-to-end development of responsive websites, using Bootstrap to build custom WordPress themes. Implemented third-party plugins like WooCommerce for e-commerce solutions. Adobe Photoshop / WordPress / PHP / Bootstrap	Aidos Tecnologia

education

2024 — current	Bachelor's degree in Philosophy (GPA: 9.50/10) Building on my background in Mathematics, here the main focus is on acquiring analytical and conceptual tools from Logic and Philosophy of Science to conduct research in the Foundations of Physics. However, the training is also helpful for dealing with philosophical questions about Artificial Intelligence, including logical, ethical and epistemological questions. Philosophy of Physics / Logic / Conceptual Analysis	Universidade Federal de Santa Catarina
2018 — 2023	Bachelor's degree in Mathematics (GPA: 8.98/10) Emphasis on mathematical methods used in Physics and Logic. The degree was earned through a 756-hour special honors track and the final project was about Stone Duality, a category-theoretic theorem. I also took some extra courses like Quantum Computing, Introduction to Python for scientists, Quantum Chemistry, Analytical Mechanics, Metalogic, Semantics, and others. Mathematical Physics / Logic / Python / LaTeX	Universidade Federal de Santa Catarina



hobbies

Writing is my passion. So, I seek to articulate what I learn into materials that may one day become blog articles or books.

non-profit

Whenever possible, I get involved in projects aimed at disseminating science, to a general audience, with a philosophical twist.