



**JÚLIO  
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mathematical philosopher

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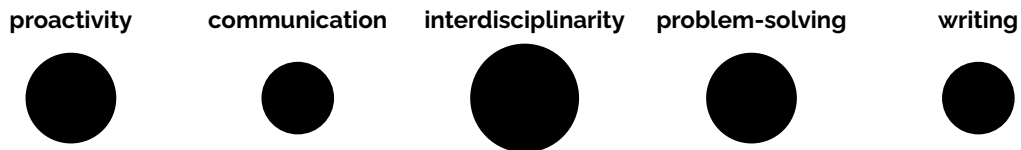
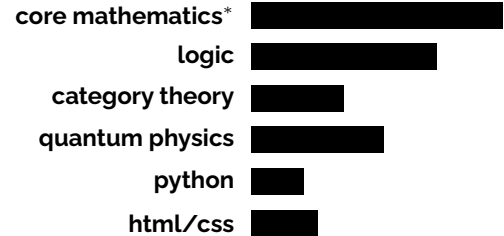
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## who am i?

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 new technologies.

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

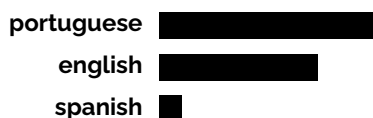


## experience

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

## education

2024 — current	<b>Bachelor's degree in Philosophy</b> (GPA: 9,50/10) Building on my background in Mathematics, here the main focus is on acquiring analytical and conceptual tools to conduct frontier research in the philosophical foundations of physics. <b>Foundations of Physics / Logic / Conceptual Analysis</b>	<b>Universidade Federal de Santa Catarina</b>
2018 — 2023	<b>Bachelor's degree in Mathematics</b> (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 <a href="#">the final project was about Stone Duality</a> , a category-theoretic theorem. I also took many extra courses like Quantum Computing, Introduction to Python for scientists, Quantum Chemistry, Analytical Mechanics, Metalogic, Semantics, etc. <b>Foundations of Physics / Logic / Python / LaTeX</b>	<b>Universidade Federal de Santa Catarina</b>



## 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.