



JÚLIO
BARCZYSZYN
BSc Mathematics

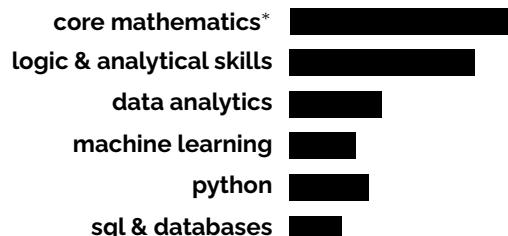
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who am i?

I'm both an aspiring mathematical philosopher and data scientist. I combine analytical and coding skills, bridging the gap between **technical solutions** and **business solutions**, making me a unicorn that can tackle deep conceptual and complex practical problems. I'm looking for part-time, remote, **intern** or **junior** opportunities during mornings (BRT).

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



experience

2021 — 2025
fellowship

Undergraduate Research Fellow

Universidade Federal de Santa Catarina

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.

Funded by the PIBIC/CNPq undergraduate research program.

Research / Logic / Philosophy of Science / Philosophy of Physics / LaTeX

2019 — 2021
fellowship

Undergraduate Teaching Assistant

Universidade Federal de Santa Catarina

Provided academic support for undergraduate students, focusing on topics such as Peano axioms, elementary Number Theory and its applications, methods of proof and logical reasoning.

Funded by the UFSC undergraduate tutoring program.

Teaching / Logic / Number Theory / Cryptography / Social Responsibility

pivoting to a more academic, math-heavy career

2016 — 2017
volunteership

Founder

Núcleo de Integração e Nivelamento Específico

Nonprofit initiative providing educational support to underprivileged individuals. Managed a team of **10+ volunteers**, developed the complete branding, and implemented the Zoho platform.

Support from IFSC, which provided dedicated facilities for our activities.

Leadership / Branding / Zoho / People Management / Social Responsibility

2015 — 2016
full-time

Web Developer

Self-employed

Managed the complete client lifecycle, from initial briefing to developing responsive websites using Bootstrap and third-party plugins to build custom WordPress themes. Further, acted as a technical consultant, handling sales prospecting and business development to secure new clients.

Entrepreneurship / Consulting / WordPress / Bootstrap / HTML & CSS

2014 — 2015
part-time

Junior Web Designer

Aidos Tecnologia

End-to-end development of responsive websites, using Bootstrap to build custom WordPress themes. Implemented third-party plugins, e.g. WooCommerce for e-commerce solutions.

Adobe Creative Suite / WordPress / SQL / Bootstrap / HTML & CSS

2012 — 2013
apprenticeship

Backoffice Apprentice

Beiramar Shopping

Provided key administrative and backoffice support utilizing the Microsoft Office Suite, particularly Word and Excel. Maintained digital archives and assisted with day-to-day administrative tasks.

Microsoft Office Suite / Windows / Backoffice / Teamwork / Workflow

education

begins 2026	Master's degree in Philosophy Interdisciplinary degree with Mathematics, Philosophy, and Physics coursework, including courses such as Philosophy of Quantum Physics and Philosophy of Artificial Intelligence, for example. Logic / Philosophy of Science / Philosophy of Physics / Philosophy of Technology	Universidade Federal de Santa Catarina
2025 — 2026	MicroMasters program in Statistics and Data Science Rigorous graduate-level program in Probability, Statistics, and Machine Learning, developed by the MIT Institute for Data, Systems, and Society, and made available online by MITx on edX. Statistics / Data Science / Machine Learning / Data Analytics / Python	MITx MicroMasters® on edX
2024 — 2027	Bachelor's degree in Philosophy (GPA: 9.50/10) Building on my background in Mathematics, here the main focus is on acquiring more analytical and conceptual tools to conduct research in Philosophy of Science and Philosophy of Technology. Logic / Philosophy of Science / Philosophy of Physics / Philosophy of Technology	Universidade Federal de Santa Catarina
2018 — 2023	Bachelor's degree in Mathematics (GPA: 8.98/10) Emphasis on Logic-related topics in Mathematical Physics. The degree was earned through a 756-hour special honors track and the final project was about Stone Duality, a category-theoretic theorem, supervised by Prof. Luiz G. Cordeiro and Prof. Jonas R. Becker Arenhart. I also took many extra courses, e.g. many Philosophy courses, Analytical Mechanics, Introduction to Python Programming, Quantum Computing, Quantum Chemistry, Non-Classical Logics, History of Logic, Metalogic, and Semantics, to name a few. Logic / Category Theory / Mathematical Physics / Quantum Physics / Python	Universidade Federal de Santa Catarina

licenses & certifications

Issued 2013	Graphic and Web Design (C/H: 189h) Intensive hands-on training on website animation, site architecture, website development, web interface elaboration, typography, briefing, and elaboration of web graphic products. Funded by the PRONATEC governmental program. Adobe Creative Suite / UX & UI Design / Responsive Design / HTML & CSS	Serviço Nacional de Aprendizagem Comercial
Issued 2010	Computer Hardware and Software (C/H: 84h) Installation of client operating systems and applications and standard PC hardware maintenance. Computer Architecture / Operating Systems / LAN / Linux / Windows	Serviço Nacional de Aprendizagem Comercial

portuguese 

english 

spanish 

hobbies

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

nonprofit

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