



**JÚLIO
BARCZYSZYN**
BSc Mathematics

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who am i?

I'm an aspiring data scientist and a mathematical philosopher by training. I combine analytical and coding skills, bridging the gap between **technical** and **business solutions** — a professional who can tackle deep conceptual and complex practical problems. **I'm looking for part-time, internship or junior opportunities in Data Science during mornings (BRT).**

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

core mathematics* ██████████
logic & analytical skills ██████████
data analytics ██████████
machine learning ██████████
python ██████████
sql & databases ██████████

experience

2025 — present freelance	Mathematics Tutor Superprof Personalized Mathematics tutoring for undergraduate and professionals, specializing in advanced topics like Logic and the mathematical foundations of Data Science and Physics. Teaching / Logic / Statistics / Data Science / Mathematical Physics
2021 — 2025 fellowship	Undergraduate Research Fellow Universidade Federal de Santa Catarina Applied logical methods to study the Foundations of Physics 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 / Foundations 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 Zoho platform. Support from IFSC, which provided dedicated facilities for our activities. Leadership / Branding / Zoho / Team 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 / WordPress / SQL / 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, and research in the philosophical foundations of science. I'm investigating what are the conditions of equivalence between theories, particularly in the context of formal and physical sciences. Logic / Philosophy of Science / Foundations of Physics / Theories & Models / Equivalence	Universidade Federal de Santa Catarina
begins 2026	MicroMasters program in Statistics and Data Science Rigorous graduate-level program in Statistics, Data Analysis, 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 Analysis / Python	Massachusetts Institute of Technology
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 philosophical research in the formal and physical sciences. Logic / Philosophy of Science / Foundations of Physics / Theories & Models / Equivalence	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: 18gh) 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 / Windows / Linux	Serviço Nacional de Aprendizagem Comercial

portuguese	<div></div>
english	<div></div>
spanish	<div></div>

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 engage in projects aimed at disseminating science to a general audience through a philosophical lens.