



**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 Theory, etc.

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

## experience

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 / 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 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 / 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

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.

## education

begins 2026	<b>Master's degree in Philosophy</b> 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	<b>Universidade Federal de Santa Catarina</b>
2024 — 2027	<b>Bachelor's degree in Philosophy</b> (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	<b>Universidade Federal de Santa Catarina</b>
2018 — 2023	<b>Bachelor's degree in Mathematics</b> (GPA: 8.98/10) Emphasis on Logic-related topics in Mathematical Physics. The degree was earned through a <b>756-hour special honors track</b> and the <b>final project</b> 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	<b>Universidade Federal de Santa Catarina</b>

## licenses & certifications

Issued 2013	<b>Graphic and Web Design</b> (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	<b>Serviço Nacional de Aprendizagem Comercial</b>
Issued 2010	<b>Computer Hardware and Software</b> (C/H: 84h) Installation of client operating systems and applications and standard PC hardware maintenance. Computer Architecture / Operating Systems / LAN / Linux / Windows	<b>Serviço Nacional de Aprendizagem Comercial</b>