

## Lucas Damiani Barreto

BArch, MSc

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### Education:

- 2021 - 2022 Master's degree in Architecture and Urbanism | Mackenzie University  
**"The free section as a contemporary design strategy:  
Rem Koolhaas (1978-1999)"**  
Advisor: Dr. Rafael Antonio Cunha Perrone
- 2012 - 2018 Bachelor's degree in Architecture and Urbanism | Mackenzie University  
**"Design Strategies: The city-water relationship in Florianopolis"**  
Advisor: Dr. Carlos Andrés Hernández Arriagada

### Academic and research experience:

- 2022 **Teaching Assistant** | Mackenzie University  
*Course: Design Studio 05: Enclosure and route*  
Supervisor: Dr. Rafael Antonio Cunha Perrone
- 2021 - 2022 *Architecture: project, teaching, and research* | Mackenzie University  
Research group / Research paper  
**"Jussieu two libraries: Rem Koolhaas and the free section"**  
Advisor: Dr. Rafael Antonio Cunha Perrone
- 2017 - 2018 *Theory and project in the digital age (TPED)* | Mackenzie University  
Research group
- 2016 - 2017 *Laboratory for Design Strategies (LABstrategy)* | Mackenzie University  
Research group / Research paper  
**"Design procedures: The diagram in Dutch contemporary architecture"**  
Advisor: Dr. Carlos Andrés Hernández Arriagada

### Short courses:

- 2023 International BIM Manager Certificate Program | Graphisoft

### Scholarships:

- 2021 - 2023 Graduate Research Assistantship | Mackenzie University  
Higher Education Personnel Improvement Coordination  
(CAPES), Brazilian Federal Government
- 2018 Undergraduate Research Assistantship | Mackenzie University
- 2012 - 2018 Undergraduate Scholarship | Mackenzie University  
Full tuition Waiver for 5-years Undergraduate Degree

### Professional experience:

- Since 2022 METRO Arquitetos | Architect / BIM Manager
- 2019 - 2022 SPOL Architects | Architect / BIM Specialist
- 2018 – 2019 Arquitetura Gui Mattos | Architect
- 2017 – 2018 Mestisso Arquitetura | Architecture Intern
- 2015 – 2016 Triptyque Architecture | Architecture Intern
- 2013 – 2014 SGS Enger | Architecture Intern

### Published work:

BARRETO, Lucas Damiani; PERRONE, Rafael A. C. **Jussieu two libraries: Rem Koolhaas and the free section.** In: 10th Graduate Research Forum Mackenzie School of Architecture and Urbanism. Sao Paulo, 2022. (Published in Portuguese).

BARRETO, Lucas Damiani; ARRIAGADA, Carlos A. E. **Design procedures: the diagram in Dutch contemporary architecture.** In: Undergraduate research journey Mackenzie School of Architecture and Urbanism, Sao Paulo, 2018. (Published in Portuguese).

### Manuscript in preparation:

BARRETO, Lucas Damiani; PERRONE, Rafael A. C. **From the free plan to the free section: Architecture beyond stacking.** São Paulo, 2023.