

## Contact

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(LinkedIn)

## Top Skills

SQL  
R (Programming Language)  
Tableau

## Languages

English (Full Professional)  
Portuguese (Native or Bilingual)

## Certifications

Google Data Analytics Certificate

## Honors-Awards

National Scholarship in Mechanical Engineering (PROUNI)  
2018 Dean's List - Faculty of Engineering  
NSERC-CANRIMT Scholarship in Masters in Mechanical Engineering

## Publications

"WEDM performance and surface integrity of Inconel alloy IN718 with coated and uncoated wires"  
"Performance and surface integrity of wire electrical discharge machining of thin Ti6Al4V plate using coated and uncoated wires"  
"Comparison of Structure, Properties and Wear Performance of Coatings Applied by HiPIMS and CAE PVD Deposition Methods During the Machining of Difficult-to-Machine Alloys"  
"A Comprehensive Study of Al<sub>0.6</sub>Ti<sub>0.4</sub>N Coatings Deposited by Cathodic Arc and HiPIMS PVD Methods in Relation to Their Cutting Performance during the Machining of an Inconel 718 Alloy"

# Luca Watanabe Reolon

Data Analyst | MASc Mech Eng  
Montreal, Quebec, Canada

## Summary

As a mechanical engineer with a master's degree and extensive experience in scientific research, I have developed a passion for data analytics and the insights it can provide. With a strong analytical background, expertise in data visualization, and programming skills, I completed the Google Analytics course and a successful R project. I am now eager to apply my skills and knowledge in a new role in data analytics and make a valuable contribution to an organization that values data-driven decisions.

## Experience

McMaster Manufacturing Research Institute  
Graduate Research Assistant  
January 2019 - December 2020 (2 years)  
Hamilton

McMaster University  
Teaching Assistant  
January 2019 - December 2020 (2 years)  
Hamilton

- Mechanical Engineering Measurements course (ME 2BA3) supervised by Dr. Tohid Didar and Dr. Zahra Motamed  
- Composite Laboratory course (ME 3M03A) supervised by Dr. Ching with focusing on Drag Experiment

Henry Equipamentos Eletrônicos e Sistemas  
Mechanical Engineering Intern  
October 2017 - June 2018 (9 months)  
Pinhais

Mechanical Engineer Intern of Projects Design

PUCPR  
Undergraduate Researcher  
March 2014 - October 2017 (3 years 8 months)

Curitiba, Paraná, Brazil

- Development of Polymer Composites with Carbon Nanotubes for coating applications on corrosive environment
- Additive Manufacturing for Orthosis Applications with Scanning techniques

Lactec

Chemistry Intern

January 2012 - June 2012 (6 months)

Curitiba Area, Brazil

Chemical analysis of samples from COPEL's hydroelectric water plants and effluents for legal regulations.

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## Education

McMaster University

Master of Applied Science (M.A.Sc.), Mechanical Engineering · (January 2019 - January 2021)

Pontifícia Universidade Católica do Paraná

Bachelor of Engineering (B.Eng.), Mechanical Engineering · (2013 - 2018)

Universidade Federal do Paraná

Technical Course, Petroleum Technology/Technician · (2010 - 2012)