

GIUSEPPE TINTI TOMIO

I am a MSc in Statistics student at UBC. I have experience in both research and industry, mostly related to quantitative finance. I am also high skilled with programming and very involved with open science / open source.

EDUCATION

- Present
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2021
- **University of British Columbia**
MSc in Statistics
Thesis: to be defined.
Vancouver - Canada
 - **National Institute for Pure and Applied Mathematics**
Summer Course - Real Analysis
Rio de Janeiro - Brazil
 - **University of Campinas**
BSc in Statistics
GPA: 87.5 / 100 - 1st / 84
Campinas - Brazil

PROFESSIONAL EXPERIENCE

- 2020
- **Goldman Sachs**
Strategist Intern
São Paulo - Brazil
 - Worked on pricing automation of structured notes.
 - Employed stochastic calculus and machine learning models.
 - **Institute of Mathematics and Statistics**
Statistical Consultant
Campinas - Brazil
 - (GitHub) Provided statistical consulting to a linguistic professor with his study of the difference between the spoken-Portuguese of Angola and Mozambique.
 - (GitHub) Provided statistical consulting to a biology Ph.D. candidate with his study of the impacts of genes RAG1 and RAG2 in the immune system of mice infected with the Oropouche virus.

RESEARCH EXPERIENCE

- 2021
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2018
- **Time Series, Econometrics and Finances Laboratory**
Undergraduate Researcher
Campinas - Brazil
 - Supervisor: Prof. Luiz Koodi Hotta
 - Researched mathematical approaches to determine money and risk allocation when investing in multiple assets (e.g., stocks and bonds).
 - Presented my work at Unicamp Undergraduate Research Congress.
 - **Organic Solids and New Materials Research Group**
Undergraduate Researcher
Campinas - Brazil
 - Supervisor: Prof. Douglas Soares Galvão
 - Designed graphene-based structures appropriate to build transistors with the aid of genetic algorithms.

CONTACT

✉ g.tinti.tomio@gmail.com
🌐 linkedin.com/in/giuseppett
🐙 github.com/GiuseppeTT

LANGUAGE

Portuguese: native

English: proficient

PROGRAMMING

R
python
SQL
LaTeX
git
GitHub
docker
linux

Made with the R package [pagedown](#).

Up-to-date versions available for [web](#) and [PDF](#).

Source code on [GitHub](#).



PUBLICATIONS

- 2021 ● **Paper in progress**
Paper in progress



AWARDS

- 2019 ● **São Paulo Research Foundation**
Research Grant 📍 Campinas - Brazil
- 2017 ● **São Paulo Research Foundation**
Research Grant 📍 Campinas - Brazil



READING SELECTION

- 2020 ● **Computer Age Statistical Inference: Algorithms, Evidence, and Data Science**
Bradley Efron and Trevor Hastie
- 2019 ● **Options, Futures, and Other Derivatives**
John Hull
- 2018 ● **Introduction to the Theory of Statistics**
Alexander Mood
- 2017 ● **R for Data Science**
Garrett Grolemund and Hadley Wickham
- 2016 ● **Linear Algebra Done Right**
Sheldon Axler
- 2016 ● **Calculus**
Michael Spivak
- 2012 ● **The Universe in a Nutshell**
Stephen Hawking
- 2010 ● **The Hitchhiker's Guide to the Galaxy**
Douglas Adams