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   📍 Vancouver - Canada
Thesis: to be defined.

2021

National Institute for Pure and Applied Mathematics
Summer Course - Real Analysis   📍 Rio de Janeiro - Brazil

2020
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2016

University of Campinas
BSc in Statistics   📍 Campinas - Brazil
GPA: 87.5 / 100 - 1st / 84

💼 PROFESSIONAL EXPERIENCE

2020

Goldman Sachs
Strategist Intern   📍 São Paulo - Brazil
• Worked on pricing automation of structured notes.
• Employed stochastic calculus and machine learning models.

2020

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.

2018
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2016

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

in linkedin.com/in/giuseppett

github.com/GiuseppeTT

🈯 LANGUAGE

Portuguese: native

English: proficient

</> PROGRAMMING

R

python

SQL

LaTeX

git

GitHub

docker

linux

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