TOMÁS CARRONDO

Passionate and tenacious student of Mathematics, equipped with a successful record of results. Experienced in working both individually and collectively, analytical thinking, writing code, backtesting sudden conjectures, and all in all committed to improving oneself. Skilful across several mathematical fields, ranging from Probability and Analysis to Numerics, and well versed on financial concepts. Always eager to learn from others and enthusiastic about meeting more experienced individuals. Joyful while working with an ever-present willingness towards challenges, and continually merit-hungry.

DETAILS

- tomas.carrondo@gmail.com
- +351 936 170 459
- Delft, South-Holland
- linkedin.com/in/tcams/

PROGRAMMING

Python
●●●●●●●●○○

Mathematica
●●●●●●●●○○

Matlab
●●●●●●●●○○○

C++
●●●●●○○○○○

R
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LANGUAGES

Portuguese - **Native**
English - **Advanced**
Spanish - **Intermediate**
French - **Beginner**

SOME INTERESTS

Academic:
- Stochastic Calculus and SDE's
- Financial Mathematics
- Machine Learning
- Topological Data Analysis

Non-academic:
- Cinematography
- Philosophy
- Backpacking

EDUCATION

Delft University of Technology

- *09/2022 - Present:* MSc in Applied Mathematics - Financial Engineering
  - Expect to achieve the degree in the summer of 2024
  - Current GPA: 8.5 out of 10

Instituto Superior Técnico, University of Lisbon

- *09/2021 - 07/2022:* Additional year as a graduate
  - Did several courses in order to explore different fields before choosing a master's degree. Namely, a PhD course on Stochastic Differential Equations, and one on Machine Learning.
- *09/2018 - 07/2021:* BSc in Applied Mathematics and Computation
  - Final GPA: 17 out of 20
  - This degree provided education in all major branches of Mathematics, went through several of its applications and included programming courses in Python, Mathematica, Matlab and R. In the 3rd year, I chose as elective courses Algebraic Topology and Introduction to Stochastic Processes. My BSc thesis, under the guidance of Professor Roger Picken, was on Topological Data Analysis with emphasis on Persistent Homology, in which I obtained a grade of 20/20 marks.

CORE ATTRIBUTES

- Proficient in Mathematics
- Fast learner and highly malleable
- Experimental and prolific
- Solid financial literacy
- Consistent even under pressure
- Self-aware and emotionally capable
- Fine-tuned common sense
- Supportive and level-headed

EXTRACURRICULAR ACTIVITIES

Red Cross Youth Portugal

- *11/2021 - 04/2022:* Volunteering work
  - Provided logistic aid at the Military Hospital of Belém, where the Portuguese government was sheltering Afghan refugees. Additionally, I organised several workshops about mental health for middle school students.

AfterSchool by TreeTree2

- *09/2021 - 12/2021:* Instructor of mathematical logic
  - TreeTree2 is an organisation that creates learning opportunities for middle school students with the help of university students. I was a tutor in an introductory course on Logic for students between the ages of 14 and 16.