

**Data Science
Data Analyst**

**Quantitative Researcher/Analyst
Mathematics Educator**

Francisco Cristóvão Agostinho

E-mail: fcagostinho95@gmail.com | **LinkedIn:** [fcagostinho](#) | **Github:** [Franc-Agostinho](#) | **Phone:** +31655322730 | Portugal

Driven, curious and organized mathematician who is passionate about solving problems. I bring strong communication skills and the ability to explain complex topics clearly to diverse audiences, promoting effective and collaborative teamwork in dynamic environments.

My technical background covers statistics, probability theory, computational tools and differential equations. I thrive at the intersection of data-driven insights and strategic thinking, turning data into actionable insights and continuously contributing to innovative ideas that create actionable solutions and meaningful impact. For this reason, I am excited to bring my skills and dedication to a team where I can help tackle challenging data related problems and drive success.

Skills

Python – Numpy, Pandas, Matplotlib, Seaborn, scikit-learn | **MySQL** | **Power BI** | **LaTeX** | **Office 365**

Professional Experience

- **Nova School of Business and Economics (NOVA) – Portugal**
Teaching Assistant: 2023 – currently
 - Linear Algebra with Programming and Calculus courses for Management and Economics students.
 - Teamwork in teams of 8 to 10 people to devise and execute challenging and stimulating lessons, constructing and grading exams, reporting feedback to students.
 - Deepened my communication skills, both peer related and student related.**Attained goals:**
 - 94% student satisfaction - Average of 5.64 out of 6 above school average of 5.18;
- **Faculty of Science of the University of Lisbon – Portugal**
Teaching Assistant: 2018-2020
 - Linear Algebra and Calculus for B.Sc in biochemistry, statistics and engineering.

Education

- **Instituto Superior Técnico – Portugal**
 - PhD in Mathematics. Final dissertation: *Classification and stability results of ground state solutions on metric graphs* – 2020-2024
- **Faculty of Science of the University of Lisbon – Portugal**
 - M.Sc in Mathematics. Final dissertation: *Existence and qualitative properties of solutions to nonlinear Schrödinger equations on metric graphs* – 2017-2020
 - Peer elected student body delegate
 - Applied and obtained a research scholarship
 - B.Sc in Mathematics – 2013-2017
 - Peer elected student body delegate

Languages

Portuguese (Native) | **English** (Fluent) | **Dutch** (Basic) | **Japanese** (Basic)