Santiago Vázquez Sáez

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ABOUT ME

I am a PhD student with a passion for mathematics and problem-solving. I am intellectually curious and highly motivated to learn new topics in finance, data analysis and machine learning.

EDUCATION

2022–2026   **PhD**
London School of Geometry and Number Theory (LSGNT)
SUPERVISOR: DR SAM CHOW AND DR ALED WALKER

2018–2022   **Master of Mathematics (MMath)**
University of Oxford
PARTS A&B: FIRST CLASS
PART C: DISTINCTION

2016   **PROMYS Europe**
Six week summer programme in number theory. Hosted at the University of Oxford.

2013–2016   **ESTALMAT**
Programme with lectures during the weekends for talented students.

PUBLICATIONS

Almost-Sharp Quantitative Duffin-Schaeffer without GCD Graphs

S. VAZQUEZ
Preprint (arXiv)   2024

Proving the Duffin-Schaeffer Conjecture without GCD Graphs

M. HAUKE, S. VAZQUEZ AND A. WALKER
Preprint (arXiv)   2024

AWARDS

Lord Crewe Scholarship   2022
Lincoln College, University of Oxford
Awarded for outstanding academic work.

Stewart Exhibition   2020, 2021
Lincoln College, University of Oxford
Awarded for academic achievements.

Bronze Medal   2018
International Mathematical Olympiad

Gold Medal   2018
Spanish Mathematical Olympiad

Gold Medal   2016, 2017, 2018
Galician Mathematical Olympiad

COMPUTER SKILLS

I have experience with Python. Recently, I have been working on machine-learning projects using PyTorch and Scikit-learn on Kaggle.

I also have familiarity with Linux systems and Bash, as well as MATLAB.

LANGUAGES

English (fluent), **Spanish** (native), **Galician** (native).

OTHER INTERESTS

I am a passionate problem-solver. I am also interested in electronic music, Linux, bouldering and card games. My latest goal is to achieve perfect play in Connect-4.