

Santiago Vázquez Sáez



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EDUCATION

- 2022–2026 **PhD**
London School of Geometry and Number Theory (LSGNT)
SUPERVISOR: DR ALED WALKER
- 2018–2022 **Master of Mathematics (MMath)**
University of Oxford
PARTS A&B: FIRST CLASS, RANK: 8
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.

AWARDS

- 2022 **Lord Crewe Scholarship (£700)**
Lincoln College, University of Oxford
Awarded for outstanding academic work.
- 2020, 2021 **Stewart Exhibition (£150 each)**
Lincoln College, University of Oxford
Awarded for academic achievements.
- 2018 **Bronze Medal**
International Mathematical Olympiad
- 2018 **Gold Medal**
Spanish Mathematical Olympiad
- 2016–2018 **Gold Medal**
Galician Mathematical Olympiad

RESEARCH AND EXPLORATORY

PROJECTS

- 2023
LSGNT first year dissertation, supervised by Dr Aled Walker
The equidistribution of nilsequences and the Gower's U^4 -norm
- 2023
LSGNT first year dissertation, supervised by Dr Ian Petrow
A quadratic large sieve inequality
- 2022
Masters dissertation, supervised by Prof Ben Green
Sums of a square, a cube and a fourth power
- 2020
Summer research project, supervised by Dr Joni Teräväinen
The elementary proof of the Prime Number Theorem

COMPUTER SKILLS

I have taken courses on **MATLAB** and **Python**. I am also familiar with **Bash** and **Julia**.

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**.