

Jaider D. Torres

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“Be the change that you want to see in the world.”

Summary

I am a master's student interested in algebras with polynomial identities (PI algebras) and their relation to non-commutative geometry and algebraic geometry. My project explores PI Algebras and Algebraic Supergeometry, guided by my advisor's work on embedding theorems as a bridge between Supertraces and Supergeometry. My academic journey is driven by a deep curiosity about the intersections of algebra, geometry, and their broader implications.

Education

Francisco José de Caldas District University

B.S. IN MATHEMATICS

- Awarded on two occasions with honors and academic and administrative assistantships.

Bogotá, Colombia

Feb. 2020 - Dec. 2023

State University of Campinas

M.S.C IN MATHEMATICS

- Master's student

Campinas, Brazil

Feb. 2024 - Now

Skills

Programming Python, Matlab, LaTeX

Languages Spanish, English, Portuguese

Extracurricular Activity

University of Cundinamarca

SPEAKER

- Speaker at 1st Latin American Translocal Meeting of Research Groups.

Colombia

May. 2023

UPTC and Colombia Society of Mathematics

ASSISTANT

- Assistant at the XXIII Colombian Congress of Mathematics.

Colombia

Jun. 2023

Francisco José de Caldas District University

PARTICIPANT

- Active participant of Logic and Topology (LOTO) and Number Theory and Algebra (ITENUA) Research Groups.

Colombia

Jul. 2021, Jul. 2022 - Jun. 2024

Industrial University of Santander

SPEAKER

- Speaker at the XII Northeastern Mathematics Symposium.

Colombia

Dec. 2023

State University of Campinas

SPEAKER

- Speaker at XVIII EnCPos.

Brazil

May. 2024

IMPA

SPEAKER

- Speaker at V ELGA.

Brazil

Aug. 2024

Honors & Awards

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| 2022 | Honours , Francisco José de Caldas District University | <i>Bogotá, Colombia</i> |
| 2023 | Honours , Francisco José de Caldas District University | <i>Bogotá, Colombia</i> |
| 2023 | Academic Assistantship , Francisco José de Caldas District University | <i>Bogotá, Colombia</i> |
| 2023 | Administrative Assistantship , Francisco José de Caldas District University | <i>Bogotá, Colombia</i> |
| 2024 | FAEPEX Scholarship Holder , State University of Campinas | <i>Campinas, Brazil</i> |