Aaron Anderson

Curriculum Vitae

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Education

2018–	**Ph.D. Mathematics (In Progress, currently a Ph.D. Candidate)**, *University of California, Los Angeles*, Los Angeles, CA.
Winter/Spring 2023	**Chateaubriand Fellow**, *Université Claude Bernard Lyon 1*, Villeurbanne, France.
2018–2020	**M.A. Mathematics**, *University of California, Los Angeles*, Los Angeles, CA.
2014–2018	**B.S. Mathematics**, *California Institute of Technology*, Pasadena, CA, GPA: 4.0/4.3.

Awards and Fellowships

2023–2024	**Dissertation Year Fellowship**.
Spring 2023	**Chateaubriand Fellowship**.
Oct. 2017	**Semifinalist in Doris S. Perpall Speaking Competition**.
Summer 2017	**Rose Hills Foundation SURF Fellow**.
2014–2016	**Putnam Exam**, Highest Score: 39, Rank 172. On Caltech Putnam Team in 2015..

Papers

In preparation	**Examples and Nonexamples of Distal Metric Structures**, *Aaron Anderson and Itaï Ben Yaacov*.
Preprint 2023	**Generically Stable Measures and Distal Regularity in Continuous Logic**, *Aaron Anderson*, arXiv:2310.06787.
Preprint 2023	**Fuzzy VC Combinatorics and Distality in Continuous Logic**, *Aaron Anderson*, arXiv:2310.04393.
Accepted 2023	**Combinatorial Bounds in Distal Structures**, *Aaron Anderson*, Journal of Symbolic Logic, arXiv:2104.07769.
Submitted 2021	**The Fraïssé limit of matrix algebras with the rank metric**, *Aaron Anderson*, arXiv:1712.04431.

Seminar and Conference Presentations

1/3/2024	**South Eastern Logic Symposium (SEALS)**, *University of Florida*, Gainesville, Florida.
1/30/2024	**Logic Seminar**, *University of Maryland*, College Park, Maryland.
11/13/2023	**Logic & Set Theory Seminar**, *UC Irvine*, Irvine, California.

11/5/2023   **Southern California Discrete Math (Poster Session)**, *Cal State LA*, Los Angeles, California.

5/24/2023   **Logic Seminar**, *Kurt Gödel Logic Center*, Vienna, Austria.

3/2/2023   **Séminaire Logique de Lyon**, *Institut Camille Jordan*, Villeurbanne, France.

4/06/2022   **Joint Mathematics Meetings**, *online.*

3/26/2022   **AMS Spring Central**, *online.*

3/20/2021   **Graduate Student Conference in Logic XXII**, *UIUC*, online.

5/23/2020   **Short Model Theory Huddle (SMTH)**, *online.*

12/5/2017   **Caltech Logic Seminar**, *Caltech*, Pasadena, CA.

10/21/2017   **Caltech SURF Program**, *Caltech*, Pasadena, CA, Qualified for semifinals of the speaking competition..

Teaching and Outreach

Summer 2021, 2022   **Mentor**, *Canada/USA Mathcamp*.
Taught classes at a residential summer program for high school students

Fall 2020   **Mentor**, *UCLA Directed Reading Program*.
Mentored an undergraduate in algebraic combinatorics

2018–   **Instructor**, *Los Angeles Math Circle*.

2018–2022   **Graduate TA**, *UCLA*.
Classes such as Linear Algebra, Graph Theory, Probability, and History of Math

Fall 2017   **TA for Ma/CS 6a: Discrete Math**, *Caltech*.

2014–2017   **Treasurer, Secretary**, *Caltech Harvey Mudd Math Competition*.

Miscellaneous

2022 –   **Reviewer**, *mathlib*.
Formalizing math with the Lean Theorem Prover