

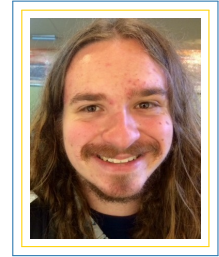
Aaron Anderson

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.*
- 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.*

Work Experience

Teaching

- Fall 2020 **Mentor**, *UCLA Directed Reading Program.*
Mentored an undergraduate in algebraic combinatorics
- 2018– **Instructor**, *Los Angeles Math Circle.*
- 2018– **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.*
- 2014–2018 **Peer Tutor**, *Caltech Dean's Office.*

Research

- Summer 2017 **Summer Undergraduate Research Fellowship**, *Caltech*, with Dr. Martino Lupini.
The Fraïssé limit of matrix algebras with the rank metric (arxiv.org/abs/1712.04431)
- Summer 2016 **Undergraduate Researcher**, *Caltech*, with Prof. Alexander Kechris.
A project in Descriptive Set Theory

Awards

- 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..

Talks

- 3/20/2021 **Graduate Student Conference in Logic XXII**, *virtual UIUC.*
- 5/23/2020 **Short Model Theory Huddle (SMTH)**, *online.*
- 12/5/2017 **Caltech Logic Seminar.**

- 11/4/2017 **AMS Fall Western Sectional Meeting**, *UC Riverside*.
10/21/2017 **Caltech SURF Program**, Qualified for semifinals of the speaking competition..

Miscellaneous

- 2020 – **Contributor**, *mathlib*.
Formalizing math with the Lean Theorem Prover
- 2014–2017 **Treasurer, Secretary**, *Caltech Harvey Mudd Math Competition*.