

Zachary Gardner

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(214) 493-7284

U.S. Citizen

Education

Boston College 2020–
Ph.D. in Mathematics

University of Texas at Austin 2016-2020
B.S. in Mathematics with Departmental Honors
Thesis: “The Mordell-Weil Theorem for Abelian Varieties over Global Fields,” advised by Sam Raskin

Teaching Experience

Boston College
Teaching assistant for Math 331201 Algebra II Spring 2021
Teaching assistant for Math 1102 Calculus I (Math/Sci) discussion sections 01, 02, 03 Fall 2020

University of Texas at Austin Summer Minicourses
Instructor for “Abelian Varieties and the Mordell-Weil Theorem” Summer 2020
Co-instructor for “Class Field Theory” Summer 2019

Ross USA Mathematics Program
Algebraic Geometry Learning Group Leader Fall 2019-Spring 2020
Met every other weekend with Ross alumni to discuss algebraic geometry.
Led discussion, compiled exercises for group participants, and integrated other sources.

Long-Distance Counselor Fall 2019
Mentored one student from Summer 2019 program in proof writing, number theory, and abstract algebra.

Counselor Summer 2019
Graded and mentored five first-year students and two junior counselors in proof writing, number theory, and abstract algebra.
Ran training workshops for counselors and junior counselors.

Counselor Summer 2017
Graded and mentored four first-year students and one junior counselor in proof writing, number theory, and abstract algebra.

Service & Outreach

Boston College

Co-organizer for Arithmetic Geometry Learning Seminar

Spring 2021

University of Texas at Austin

Co-organizer for University of Texas at Austin Summer Minicourses

Summer 2020

Co-organizer for Basic Algebraic Geometry Seminar

Spring 2020

Co-organizer for Graduate Algebraic Geometry Seminar

Fall 2019

Scholarships, Honors, & Awards

University of Texas at Austin

CNS Dean's Honored Graduate

Spring 2020

CNS Service & Leadership Distinction

Spring 2020

Barrett Fellowship

Fall 2019

Carmelina Cutro Albino Memorial Endowed Presidential Scholarship

Spring 2018

Conferences Attended

Boston Remote Seminar on Perfectoid Spaces

Jul. 21-Aug. 28, 2020