

Zachary Gardner

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(214) 493-7284

U.S. Citizen

Education

Boston College 2020–
Ph.D. in Mathematics (Third-Year)
Advised by Keerthi Madapusi Pera

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 fellow for Math 1100 Calculus I Fall 2022
Teaching assistant for Math 1101 Calculus II Spring 2022
Teaching assistant for Math 2202 Multivariable Calculus Fall 2021
Teaching assistant for Math 3312 Algebra II Spring 2021
Teaching assistant for Math 1102 Calculus I (Math/Sci) Fall 2020

University of Texas at Austin
UT Summer Minicourses
Taught course titled “Abelian Varieties and the Mordell-Weil Theorem” Summer 2020
Taught course titled “Class Field Theory” Summer 2019

Service

Seminars & Conferences Organized
Derived Arithmetic Intersection Theory (DAIT) Learning Group Spring-Summer 2022
K-Theory and Differential Cohomology Learning Group Spring 2022
Derived Algebraic Geometry (DAG) Learning Group Fall 2021
Galois Representations Reading Group Summer 2021
UT Summer Minicourses Summer 2020

Other Service

Secretary: Math Graduate Student Association Fall 2021–
Co-organized GIST, helped with prospective student logistics, and managed internal communications
Developing Exemplary Mathematics Teacher Leaders for High-Need Schools Fall 2021-Spring 2022
Served as Graduate Student Representative for Content initiative
Counselor: Ross Mathematics Program Summer 2017 & 2019
Mentored students, trained other counselors, taught courses, and helped with administration

Scholarships, Honors, & Awards

Boston College

Donald J. White Teaching Excellence Award	Spring 2022
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University of Texas at Austin

CNS Dean's Honored Graduate	Spring 2020
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CNS Service & Leadership Distinction	Spring 2020
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Barrett Fellowship	Fall 2019
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Carmelina Cutro Albino Memorial Endowed Presidential Scholarship	Spring 2018
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Highest Ranking High School Graduate Tuition Exemption	Fall 2016-Spring 2017
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Attended Conferences & Programs

Homotopy Theory with Applications to Arithmetic and Geometry	June 27-30, 2022
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Oberseminar: Derived algebraic cobordism	Winter 2021/22
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SUBgroups	Fall 2020
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Boston Remote Seminar on Perfectoid Spaces	Summer 2020
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Arizona Winter School on Topology and Arithmetic	March 2-6, 2019
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