

Zachary Gardner

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(214) 493-7284

U.S. Citizen

Education

Boston College 2020–

Ph.D. in Mathematics (Second-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 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 Summer 2019 & 2020

Taught courses on “Abelian Varieties and the Mordell-Weil Theorem” and “Class Field Theory”

Ross Mathematics Program

Counselor Summer 2017 & 2019

Service

Seminars & Conferences Organized

BC Jr. NTAG Seminar Spring 2022

Derived Arithmetic Intersection Theory (DAIT) Learning Group Spring 2022

Derived Algebraic Geometry (DAG) Learning Group Fall 2021

UT Summer Minicourses Summer 2020

Other Service

Secretary: Math Graduate Student Association Fall 2021–

Developing Exemplary Mathematics Teacher Leaders for High-Need Schools Fall 2021–

Served as Graduate Student Representative

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

Attended Conferences & Programs

Homotopy Theory with Applications to Arithmetic and Geometry

June 27-30, 2022

electronic Algebraic K-Theory Seminar

Summer 2022

SUBgroups

Fall 2020

Boston Remote Seminar on Perfectoid Spaces

Summer 2020