D. Zack Garza

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EDUCATION	University of Georgia	Aug 2019 – May 2024
	 Ph.D. in Mathematics. Supervised by Valery Alexeev. Thesis: Complete compact moduli spaces of Enriques surfaces and related spaces. 	
	UC San Diego	Aug 2015 – Jun 2018
	 B.S. in Mathematics, minor in Computer Science. 	O
	University of California, Berkeley (Concurrent enrollment)	Sep 2014 – Jun 2015
	Sierra College	Sep 2011 – Jun 2014
	• A.A. in Mathematics, A.S. in Physics, A.A. in Fine Arts.	1
RESEARCH INTERESTS	Algebraic geometry, complex analytic surfaces, moduli spaces, lattice theory, Coxeter groups, mirror symmetry, Calabi-Yau varieties, hyperkahler geometry, GW/DT theory, derived geometry.	
PUBLICATIONS	 Complete moduli of enriques surfaces. Preprint. Joint with Valery Alexeev, Philip Engel, Luca Schaffler. 	Nov 2023
OTHER WRITING	 Talbot workshop proceedings: scissors congruence and K-theory. Expanded exposition of workshop talks, with added figures and citations. 	June 2022
SELECTED HONORS	 UGA Capturing Science Contest, 2nd Place. (UCSD) Louise Hoffmasterand and Frank R. Etchberger Graduate Scholarship. (×4, UCSD) 	
	 UCSD AEP Undergraduate Research Scholarship. (UCSD, Declined) Diana C. Milas Scholarship. (UCSD) 	2018
	Diana C. Miles Scholarship. (UCSD)Errett Bishop Scholarship. (UCSD)	2017 – 2018 2016 – 2017
	 Richard L. and Fern W. Erion and Laidlaw-Erion Scholarship. (UCSD) 	2016 – 2017
	■ Muir College Provost Honors. (UCSD)	2015 – 2016
TEACHING	■ Calculus I. <i>(UGA)</i>	Spring 2024
	■ Complex Analysis (Recitation, UGA)	Fall 2023
	Precalculus. (UGA)	Fall 2023
	Precalculus. (2 sections, UGA)Calculus I. (UGA)	Fall 2022 Spring 2022
	■ Calculus I. (UGA)	Fall 2021
	 Qualifying exam review courses. (UGA) 	Summer 2021
	Algebra, Topology, Real Analysis, Complex Analysis.	
	■ Precalculus. (2 sections, UGA)	Spring 2021
	• Precalculus. (UGA)	Fall 2020
	 Qualifying exam review courses. (UGA) 	Summer 2020
	Algebra, Topology, Real Analysis, Complex Analysis. ■ Calculus I. (Recitation, UGA)	Fall 2019
	 Math department study hall tutoring. (UGA) 	Fall 2019 – Spring 2022
SERVICE AND	■ Co-organizer, GROOT. (seminar series)	Summer 2023
OUTREACH	■ Treasurer, Student Chapter of the AMS. (UGA)	Fall 2022–Spring 2023
	 Organizer, Mock AMS Conference. (UGA) Co. organizer, Craduate Student Seminar, (UCA) 	Summer 2021 Spring 2022
	 Co-organizer, Graduate Student Seminar. (UGA) Organizer, GOSS. (seminar series) 	Spring 2021 – Spring 2023 Summer 2021
	Organizer, GO33. (sentinal series)Co-organizer, GOATS. (conferences, 3 iterations)	Summer 2020
	 President, Society of Undergraduate Mathematics Students. (UC San Diego) 	2016 – 2018
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 Expository writing and open-source collection of course notes in LATEX: https://dzackgarza.com/writing/