

Zach Wagner

Department of Mathematics
UC Santa Barbara

zwagner@math.ucsb.edu
<https://zachwagner.github.io/>

Education

UC SANTA BARBARA 2019–PRESENT
Ph.D., Mathematics

UC SANTA BARBARA 2019–2020
M.A., Mathematics

UC LOS ANGELES 2010–2014
B.S., Applied Mathematics
Specialization in Computing

Teaching Experience

TEACHING ASSOCIATE (INSTRUCTOR OF RECORD)

- Math 6A (Vector Calculus): Summer Session A 2021

TEACHING ASSISTANT

- Math 3A (Differential Calculus): Spring 2020
- Math 4B (Elementary Differential Equations): Spring 2021
- Math 6B (Vector Calculus): Winter 2020, Summer Session B 2020
- Math 34A (Calculus for Social and Life Science Majors): Fall 2019
- Math 117 (Methods of Analysis): Summer Session B 2021
- Math 118A (Real Analysis): Fall 2020
- Math 118B (Real Analysis): Winter 2021

Seminars/Colloquia

TALKS GIVEN

- UCSB Graduate Algebra Seminar, November 2020. *Relationships between Complex Tori and Elliptic Curves.*
- CSULB Graduate Student Seminar, April 2019. *Introduction to the Mapping Class Group.*

Honors/Awards

- Academic Senate Outstanding Teaching Assistant Award Nominee, 2021.

Academic Service

- Panelist for AWM and PMA Graduate Student Panel, Fall 2020 and Winter 2021.
- Panelist for the UCSB Mathematics Transfer Student Q&A, Fall 2019 and Fall 2020.
- CSULB Graduate Reading Seminar Inaugurator/Administrator, Spring 2019.
- Wrote a python library for Dr. Ryan Blair (CSULB) to perform numerical analytics based on knot Gauss Codes. Spring 2019.

Industry Employment

WEDBUSH SECURITIES	2018–2019
<i>Senior Database Administrator</i>	
REAL SOFTWARE SYSTEMS, LLC	2014–2018
<i>Database Developer</i>	