

# Zach Wagner

Department of Mathematics  
UC Santa Barbara

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

## Education

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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

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### TEACHING ASSISTANT

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

## Seminars/Colloquia

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### 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

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- Academic Senate Outstanding Teaching Assistant Award Nominee, 2021.

## Academic Service

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- Panelist for AWM and PMA Graduate Applications Panel, Fall 2020.
- 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

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WEDBUSH SECURITIES	2018–2019
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*Senior Database Administrator*

REAL SOFTWARE SYSTEMS, LLC	2014–2018
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*Database Developer*