

CESAR I. VAZQUEZ

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EDUCATION

UNIVERSITY OF TEXAS AT EL PASO

Ph. D in Data Science

August 2022 – Expected May 2025

GPA 3.7/4.0

UNIVERSITY OF TEXAS AT EL PASO

M.S. in Mathematics

August 2018 – May 2020

GPA 3.53/4.0

Thesis advisor: Professor Art Duval

Thesis title: Laplacian Spectra of Kneser-like Bipartite Graphs

- Graduate Teaching Assistantship

UNIVERSITY OF TEXAS AT EL PASO

B.S. in Mathematics

August 2014 – May 2018

GPA 3.77/4.0

Minor in Secondary Education

- Cum Laude
- ADP MaST Academy Scholarship

ACADEMIC EXPERIENCE

GRADUATE TEACHING ASSISTANT, UNIVERSITY OF TEXAS AT EL PASO, EL PASO, TX

January 2023 – Present

- Assisting faculty with classroom instruction, records, and assignments.
- Meeting with students during office hours.

ACADEMIC SUPERVISOR, UTEP MATHEMATICS RESOURCES CENTER FOR STUDENTS

August 2017 – May 2020, August 2022 – December 2022

- Led mathematics students (employees) in tutoring fellow university students.
- Managed center from open to close.
- Provided personalized tutoring for students ranging from Calculus I to Real Analysis.

MINER MATH WORKSHOP INSTRUCTOR, UNIVERSITY OF TEXAS AT EL PASO, EL PASO, TX

June 2018 – August 2018, June 2019 – August 2019, June 2022 – August 2022

- Collaborated with the entire design of three two-week UTEP Pre-Calculus and Calculus workshops.
- Promoted and maintained a collaborative learning environment for all students.

HIGH SCHOOL MATH TEACHER, EASTLAKE HIGH SCHOOL, EL PASO, TX

February 2022 – July 2022

- Collaborated with Algebra I Professional Learning Community to develop lesson plans.

ADDITIONAL EXPERIENCE

PERSONAL WEBSITE

<https://cesarivazquez.com>



YOUTUBE MATH LECTURES

May 2020 - Present

- Video lectures on Analysis on the Real Line, Real Analysis, and Linear Algebra.



GRADUATE STUDENT COLLOQUIA, UNIVERSITY OF TEXAS AT EL PASO, EL PASO, TX

November 2018, April 2019, October 2019

- Presented three graduate student colloquia in areas of combinatorics, linear algebra, and graph theory.

SKILLS

Research experience, mostly math related.

Computers: Proficient in Python, R, SQL, Pandas and Sage; Proficient in Windows OS, IOS, Linux; Microsoft Word, Power Point and Excel; Efficient communication skills.

Language: Fluent in English and Spanish