

# Jacob Mescher

jacob.mescher@msutexas.edu

## RESEARCH INTERESTS

Combinatorics, Graph Theory, Finite Groups

## EDUCATION

**MS in Mathematics**, May 2019 – Colorado State University, Fort Collins. Thesis: *Orbital Graphs and the 2-Closure of a Group*.

**BS in Mathematics**, May 2014 – Texas State University, San Marcos.

**Minor in Computer Science**, May 2014 – Texas State University, San Marcos.

## APPOINTMENTS

Instructor: Midwestern State University Texas, Department of Mathematics, Aug 2021 - Present.

## TEACHING EXPERIENCE

### ***Instructor, Midwestern State University Texas***

- Contemporary Mathematics, Math 1053
- Co-requisite Developmental Supplement, Math 0053
- Beginning Algebra, Math 0003
- Plane Trigonometry, Math 1433
- College Algebra, Math 1233
- Co-requisite Developmental Supplement, Math 0233

### ***Lecturer, Midwestern State University Texas***

- Contemporary Mathematics, Math 1053
- Co-requisite Developmental Supplement, Math 0053
- Beginning Algebra, Math 0003
- Plane Trigonometry, Math 1433
- College Algebra, Math 1233
- Co-requisite Developmental Supplement, Math 0233

### ***Graduate Teaching Assistant, Colorado State University, Fort Collins***

- Coordinated Primary Instructor, Calculus I, Math 160
- Primary Instructor, Summer Calculus I, Math 160
- Coordinated Primary Instructor, Calculus for Biologists, Math 155

## SERVICE TO THE UNIVERSITY

Colorado State University Math Day Volunteer, 2016

Colorado State University Math Competition Host, 2017-2018

MSU McCoy College Website Editor, 2021

MSU Mathematics Website Maintenance, 2021-Present

MSU Mathematics Bridge to Math Program Manager, 2023-Present

## MEMBERSHIPS / AFFILIATIONS

American Mathematical Society