Joshua Hunt

CONTACT INFORMATION

School of Mathematical and Statistical Sciences
Clemson University
Clemson, SC 29634

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EDUCATION

Clemson University, Clemson, South Carolina
M.A. Mathematics (expected 2026)
- Masters Thesis Topic: TBA
- Advisor: TBA

PhD Mathematics (expected 2028)

Vanderbilt University, Nashville, Tennessee
B.A. Mathematics (2023)
- Honors Thesis Topic: "*Roots of Polynomials, Integer Partitions, and L-Functions*"
- Advisor: Larry Rolen
- Computer science minor

North Carolina School of Science and Mathematics, Durham, North Carolina (2019)

RESEARCH INTERESTS

Number theory, L-functions, modular forms, arithmetic geometry, partitions, combinatorics, analytic number theory

EMPLOYMENT

Clemson University, Clemson, South Carolina **August 2023 - present**
Graduate Teacher of Record (August 2024-present)
Graduate Teaching Assistant (August 2023-July 2024)

ARTICLES IN PREPARATION

[1] Joshua Hunt, Larry Rolen, and Ian Wagner
Topic: Hyperbolicity of Jensen Polynomials over functions in a generalized Laguerre-Polya class with number theoretic applications.

TEACHING

Clemson University, Clemson, South Carolina **August 2023 - present**
Instructor
- MATH2070: Business Calculus II (Spring 2025)
- MATH1020: Business Calculus I (Fall 2024)

Teaching Assistant
- MATH1980: College Algebra (Summer 2024)
- STAT3090: Introductory Business Statistics (Spring 2024, Summer 2024)
- MATH1990: Problem Solving in Mathematics (Fall 2023, Spring 2024)
- MATH3110: Linear Algebra (Fall 2023)

SELECT COURSEWORK

Clemson University, Clemson, South Carolina

Number Theory

- Modular Forms (Spring 2025)
- Algebraic Number Theory (Spring 2024)

Analysis

- Complex Analysis (Fall 2024)
- Measure and Integration (Fall 2024)
- Linear Analysis (Fall 2023)

Algebra

- Matrix Analysis (Spring 2025)
- Abstract Algebra 1 (Fall 2023)

Computer Science/Data Analysis

- Data Structures (Fall 2024)
- Mathematical Programming (Fall 2024)
- Data Analysis (Spring 2024)

Vanderbilt University, Nashville, Tennessee

Number Theory/Discrete Mathematics

- Combinatorics (Spring 2023)
- Error-Correcting Codes and Cryptography (Fall 2022)
- Introduction to Mathematical Logic (Spring 2022)
- Number Theory (Fall 2020)

HONORS & AWARDS

- Dean's List, Vanderbilt University (Fall 2019, Spring 2021, Fall 2022).
- National Merit Scholarship Recipient (2019-2023).
- Member, Pi Mu Epsilon Tennessee Zeta Chapter, 2022.

PROGRAMMING LANGUAGES

- Proficient with C++.
- Proficient with Python (Sage).
- Proficient with R
- Limited proficiency with Java, Julia, HTML, CSS

CLUBS & LEADERSHIP

Vanderbilt University, Nashville, Tennessee

The Original Cast (2020–2023).

- Positions Held: Production Manager, Music Director, Patrons Director

Double Major A Cappella (2019–2023).

- Positions Held: Creative Director, Section Leader

Vanderbilt Performing Arts Community, (2022–2023).

- Positions Held: Community Outreach Chair

Last updated: November 10, 2024