

EDUCATION

Indiana University, Bloomington Ph.D. in Mathematics	Bloomington, IN 2025–Current
Wake Forest University M.S. in Mathematics, Advisor: Dr. Ellen E. Kirkman, GPA: 3.934 – Thesis: “Auslander’s Theorem for Artin-Schelter Regular Algebras of Dimension Two Under Group Coactions”	Winston-Salem, NC 2023–2025
University of North Carolina, Charlotte B.S. in Mathematics, Advisor: Dr. Evan Houston, GPA: 3.88 – Thesis: “Semidirect Products,” Expository	Charlotte, NC 2021–2023
Sandhills Community College A.S., GPA: 3.851	Pinehurst, NC 2020–2021

EXPERIENCE

University of North Carolina, Charlotte Student Activity Center, Student Technician	Charlotte, NC 2021–2023
ATEX Technologies IT Intern	Pinebluff, NC 2019–2020

TEACHING

• Recitation Instructor at Wake Forest University <i>Calculus Lab (MTH015L)</i>	2024–2025
• Undergraduate Research Mentor at Wake Forest University <i>Research Exploration Program (MTH191/MTH691)</i>	Spring 2024
• Teaching Assistant at Wake Forest University <i>Calculus I (MTH111), Linear Algebra & Differential Equations (MTH205), Knot Theory (MTH683), Linear Algebra (MTH121)</i>	2023–2025
• Teaching Assistant at University of North Carolina, Charlotte <i>College Algebra (MATH1100), Introduction to Mathematical Thinking (MATH1102)</i>	2022–2023

SKILLS

- **Programs:** \LaTeX , Overleaf, Desmos, GeoGebra, Magma
- **Tutoring:** All courses TA-ed for, Calc II, Calc III, Group Theory, Intro to Real Analysis, Graduate Group and Ring Theory, Graduate Field and Galois Theory, Graduate Point-set Topology

LANGUAGES

- **English**, fluent
- **German**, beginner

SCHOLARSHIPS AND AWARDS

- Pi Mu Epsilon Inductee, Wake Forest University Spring 2024
- Chancellor's List, University of North Carolina at Charlotte Fall 2021, Spring 2023
- Dean's List, University of North Carolina at Charlotte Spring 2022, Fall 2022
- Phi Theta Kappa Inductee, Sandhills Community College 2021

EXTRACURRICULAR ACTIVITIES

- Coffee without Profs Coordinator, Wake Forest University 2024–2025
Coordinated graduate and undergraduate students to give short presentations on topics of their choosing
- Girls Talk Math Counselor, Wake Forest University Summer 20204, Summer 2025
Taught high school students of underrepresented genders in mathematics about Knot Theory and managed an interview with faculty of underrepresented genders at different universities for said groups
- Grader and Proctor for MathCounts, Wake Forest University Spring 2024, Spring 2025
Graded math exams completed by middle school students one year and proctored said students' exams the following year
- Math Club Officer, University of North Carolina, Charlotte 2021–2023
Served as President and Vice President aiding in the Pi Day events, Integration Bees, and holding monthly meetings
- STEM Camp Counselor, Moore County School System 2016–2019
Aided various portions of the STEM Camp for middle school students, such as: robotics programming, frog dissecting, geometry, etc.
- CALL (Community Assisted Language Learners) Helper, Community Presbyterian Church 2014–2018
Tutored K-12 students whose second language is English in English and mathematics