

SAMUEL KILGORE

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📍 Knoxville, Tennessee 📞 (423) 457-0637

EDUCATION

University of Tennessee, Knoxville

Aug 2018 - May 2022

Bachelor of Science in Applied Mathematics and Statistics

- Honors: Summa Cum Laude, Phi Beta Kappa

- Study Abroad in Senegal

May 2019

EXPERIENCE

Division of Student Success, University of Tennessee, Knoxville

Data Analyst

Oct 2022 - Present

- Analyze data in the context of student success projects
- Provide university leadership with data and reports to inform decision-making
- Learn new software and skills as projects require

Academic Success Center, University of Tennessee, Knoxville

Tutor

May 2021 - May 2022

- Instructed undergraduate students in learning strategies
- Tutored all lower-level and most upper-level math courses
- Advised students in exam preparation, time management, and problem solving

Supplemental Instruction Leader

Aug 2019 - May 2021

- Led study sessions for undergraduates in General Psychology and various math courses
- Created practice worksheets, conducted exam reviews, and advised students on study strategies

Math Camp Counselor

Jul 2019 - Aug 2020

- Tutored first-year students in college algebra
- Practiced effective conflict resolution
- Advised first-year students in study strategies

Smokey's Pantry

Volunteer

Sep 2018 - May 2022

- Served as a regular volunteer; assisted in running weekly pantry operations
- 270 recorded hours

Tennessee Tutoring Corps

Tutor

Jun - Jul 2020

- Tutored rising 3rd and 4th graders in math and English Language Arts
- Addressed learning gaps caused by transition to at-home learning

Mellow Mushroom

Line Cook

May 2021 - Apr 2022

- Prepared and expedited food according to restaurant recipes and standards
- Trained line cooks and oversaw food preparation

TECHNICAL SKILLS

Programming & Software: R, LaTeX, Office, Tableau Prep and Desktop, PL/SQL, Python

RESEARCH

Applied Mathematics Research Program for Undergraduates

Student Researcher; Florida International University

May - Jul 2022

- "Local well-posedness for the nonlinear, bilaplacian Schrödinger equation in a period"
- Performed research on the nonlinear Schrödinger equation with a team of undergraduate researchers
- Wrote technical report following conventions of math literature