

Research Area and Interest

- Currently doing research as a GAANN Fellow (Graduate Assistants in Area of National Need).
- Looking for improved methods of risk and uncertainty assessment for use in mixed integer nonlinear programs modelling two step stochastic process for transportation network protection.

Education

Clemson University Ph.D. candidate July 2017-Present

Mathematical Science

Operations Research

Erskine College B.A. in Mathematics and Business Administration, Graduated May 20th, 2017
(Concentration Accounting) Minor in Physics

Honors: *summa cum laude* (Salutatorian, GPA 3.976/4.00)

Departmental Honors in Mathematics

Who's Who Among Students Honoree

Erskine College Garnet Circle Member 7 consecutive semesters (25 students with the highest term GPA regardless of class standing)

Junior and Senior Marshall (to facilitate 2015 and 2016 commencement)

Activities: Erskine College Entertainment Board (Chair)

Erskine College Student Government Senate Member

Alpha Lambda Sigma Athenian Literary Society

Work Experience

Graduate Assistant, Clemson University, Clemson, SC (*June 2017-Present*)

- Collaborate with professors and Coordinator of Instruction to assist in teaching and grading responsibilities for Clemson MATH 1060 (Single Variable Calculus)
- Assist in grading responsibilities for MATH 2060 (Multivariable Calculus)

Student Life Assistant, Erskine College, Due West, SC (*August 2014 – May 2017*)

- Lead a safe and nurturing environment for students through work in partnership with resident hall staff.
- Organize and hold a variety of monthly programs for 40+ people.

Supplemental Instructor, Erskine College, Due West, SC (*August 2014 – December 2015*)

- Supplemental Instructor for the Mathematics Department.
- Teach semiweekly SI sessions and counsel students on study skills.
- Maintain a 100% pass-rate with participating students.

Color Guard Instructor, Abbeville High School, Abbeville, SC (*May 2013 – May 2017*)

- Worked with students of diverse backgrounds in a
- Increased membership by 100% by organizing group activities to build recruitment and team comradery.

Leadership Experience

Erskine College Entertainment Board, Chair, Erskine College, Due West, SC (*August 2013-August 2017*)

- Develop and implement annual budgets in excess of \$80,000.
- Listen to and adapt student ideas to potential undertakings based on budgets, resources, etc.
- Negotiate with booking agents and program vendors in order to organize successful campus events.

Professional Organizations

- Sigma Beta Delta Honor Society
- Mathematical Association of America
- SIAM Student Member
- Alpha Chi National College Honor Society
- Omicron Delta Kappa National Leadership Honors Society