

SAM BACON

804.516.2452 | sbacon3@elon.edu

LEADERSHIP ACTIVITIES & ORGANIZATIONS

Elon University Athletics | Elon, North Carolina August 2018 – Present

Student- Athlete and Team Captain / Men's Soccer

- Demonstrate leadership, consistency through my selection as club captain by coaching staff and teammates
- Exhibit coachability, passion and a determination to continuously improve and succeed collectively and individually
- Organize team service events, such as Top Soccer and Christmas Cheer, in surrounding communities

Student-Athlete Advisory Council (SAAC) | Elon, North Carolina January 2019 – Present

Team Representative

- Selected to serve as the voice of the men's soccer team, tasked with communicating all athletic and academic concerns
- Provide input on rules, regulations, and policies impacting the overall student-athlete experience on Elon's Campus
- Member of the SAAC Events committee, which organizes campus events to promote athletics throughout Elon

Phoenix Leadership Academy | Elon, North Carolina March 2020 – March 2021

Program Participant

- Nominated to participate in a series of leadership development seminars to evaluate and develop leadership qualities
- Collaborated weekly with current and former student-athletes regarding effective leadership techniques

RESEARCH

Comparison of Different Q-Q Plots on Viewer's Assessment of Normality | Elon University July 2020 – Present

- Responsible for the creation, administration and management of survey responses from target populations
- Analyzing survey responses to compare normality assessment accuracy across Q-Q Plot models and experience level
- Coding all related applications, including two surveys and a comprehensive online teaching application

EDUCATION

Elon University | Elon, North Carolina Expected Graduation: May 2022

Bachelor of Science in Statistics (Data Analytics Concentration)

GPA: 3.97/4.0

Bachelor of Science in Computer Science

Elon University Honors Fellow

William R. Kenan, Jr. Scholarship Recipient

- Full-tuition scholarship recipient for the class of 2022 Honors Fellows cohort

RELATED EXPERIENCE

The SAS Institute | Cary, North Carolina May 2021 - Present

Technical Intern, EVAAS Department

- Assisting the Education Value-Added Assessment System (EVAAS) team with maintenance of Quality Assurance files
- Developing a GitLab Continuous Integration pipeline to automate versioning and quality testing for SAS macro libraries
- Collaborate daily with developers and engineers from various teams across the EVAAS department

Elon University Academic Support | Elon, North Carolina August 2019 – December 2020

Statistics Tutor and Student Mentor

- Facilitate in-person and online tutoring sessions for Elon student-athletes in individual and small-group settings
- Create review material to augment classroom teaching and encourage critical thinking among students
- Completed the *International Tutor Training Program Certification* and recognized as a Level 1 tutor by the CRLA

HONORS & AWARDS

CAA Leadership & Sport Excellence Award (Men's Soccer) | Elon, North Carolina June 2021

- Represents the highest standards of teamwork, integrity, leadership and sportsmanship in his or her athletic achievements

6x Elon University President's List | Elon, North Carolina Fall 2018 - Spring 2021

MEMBERSHIPS & SOCIETIES

Mu Sigma Rho Statistics Honors Society Vice President Since March 2020

Phi Kappa Phi Mathematics Honors Society Member Since February 2021

American Statistical Society (ASA) Member Since August 2020

Mathematical Association of America (MAA) Member Since September 2020

TECHNICAL SKILLS & CERTIFICATIONS

- SAS Certified Specialist: Base Programming
- R
- Python
- Java
- SQL
- PowerShell
- HTML
- Microsoft Office