Aarif Baksh
Ph.D. Student

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PROFESSIONAL SUMMARY

Highly motivated graduate student with qualitative and quantitative research knowledge and drive to succeed. Strong work ethic, adaptability, and exceptional interpersonal skills. Offers excellent technical abilities with software and applications and a proven ability to extract insights from complex datasets and present actionable recommendations. Eager to contribute analytical skills and a proactive approach to a dynamic team, leveraging data-driven decision-making into tangible solutions.

EDUCATION

- **University of Nebraska-Lincoln, Lincoln, NE** May 2028 (Anticipated)
  Ph.D in Statistics
  Award: Cooper-Sharpless Fellowship

- **University of Nebraska-Lincoln — Center for Actuarial Excellence, Lincoln, NE** May 2024
  Master of Science in Actuarial Science
  Major: Actuarial Science; Minors: Finance, Statistics
  GPA: 4.00/4.00
  Awards: Dean's List (Fall 2022, Spring 2023, Fall 2023)

- **University of Guyana, Turkeyen, Greater Georgetown, Guyana** June 2021
  Post Graduate Diploma in Education - Higher Education
  GPA: 3.90/4.00

- **University of Guyana, Turkeyen, Greater Georgetown, Guyana** June 2017
  Bachelor of Science in Statistics
  GPA: 3.80/4.00
  Award: Chancellor's Medal (Salutatorian Award)

PROFESSIONAL EXPERIENCE

- **University of Nebraska-Lincoln, Lincoln, NE** August 2022–May 2024
  Graduate Teaching Assistant, Department of Statistics
  - Instruct undergraduate students in STAT 218, covering fundamental statistical concepts, probability, and data analysis techniques.
  - Provide individualized support to students through office hours, helping clarify challenging concepts and improve their problem-solving skills in statistics.

- **University of Nebraska-Lincoln, Lincoln, NE** August 2022–May 2024
  Graduate Teaching Assistant, Department of Economics
  - Strengthened problem-solving and interpersonal skills through regular office hours with students from diverse backgrounds.
  - Provided valuable assistance to students in using the data analysis add-in in Excel, contributing to the smooth completion of assignments and projects.

- **University of Nebraska-Lincoln, Lincoln, NE** January 2023–May 2023
  Actuarial Science Tutor, *Department of Actuarial Science*

  - Implemented effective teaching strategies to explain complex actuarial topics to students, resulting in a 20% improvement in their grades.

  - Collaborated with faculty and other tutors to exchange knowledge and resources, contributing to the overall success of the tutoring program.

- **University of Guyana, Tain Campus, Berbice, Guyana** September 2018–June 2022
  Instructor, *Department of Mathematics*, *Physics and Statistics*

  - Developed effective instructional and communication skills by teaching complex statistical concepts to diverse groups of students, resulting in 100% pass rates in all courses.

  - Successfully trained 100+ students in using R for data visualization and hypothesis testing.

  - Coordinated outreach events to 19 secondary schools, increasing enrollment by 15%.

  - Trained 45 lecturers across the University of Guyana to use of H5P for interactive content development, improving their classroom experience.

SKILLS

Software   R, Python
Language   Basic Conversational Spanish

ACTIVITIES

- **Gamma Iota Sigma, Lincoln, NE** September 2022–May 2024
  Member

  - Actively participate in weekly meetings to enhance knowledge and hone leadership skills.

  - Actively participate in professional development events, gaining exposure to networking opportunities and collaborative experiences.

- **CAS Student Central Summer Program, Casualty Actuarial Society** June 2023–July 2023
  Student (Mentor-Led Session), *Case Competition (Panel 5) Winner*

  - Acquired hands-on experience in using Excel for reserving, ratemaking, and predictive analytics through practical workshops and case studies.

  - Developed strong analytical and problem-solving skills through challenging exercises involving loss development techniques, expense calculations, and premium trends.

  - Enhanced communication and interpersonal skills through active participation in weekly meetings with mentors and colleagues.

- **Lincoln High School, Lincoln, NE** September 2022–January 2023
  Math Motivator Volunteer

  - Cultivated strong interpersonal skills and the ability to motivate and inspire learning, fostering an encouraging and supportive environment for skill development among students.