

Samuel K. Balls

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EDUCATION

B.S. in Statistics

April 2025

Department of Statistics

Brigham Young University, Provo, UT

Minor: Mathematics

GPA: 3.94/4.0

HONORS & AWARDS

Dean's List - Awarded Fall 2023, Winter 2023, and Winter 2024

Merit-based Scholarship - Awarded half-tuition for academic excellence, 2023 – 2025

RESEARCH INTERESTS

- Bayesian Statistics
- Statistical Learning
- Algorithmic Fairness and Ethical AI
- Applications in Neuroscience, Economics/Finance, Sports

RESEARCH EXPERIENCE

Statistical Research Assistant

April 2024 – Current

Brigham Young University, Provo, UT

Advisor: Jake Rhodes

TEACHING EXPERIENCE

Teacher's Assistant - Statistics

December 2022 – December 2023

Brigham Young University, Provo, UT

LEADERSHIP

Statistical Science Representative

April 2024 – Current

BYU Statistics Association

ACADEMIC EXPERIENCE

Relevant Coursework: Calculus I-III, Linear Algebra, Mathematical Statistics, Probability, Real Analysis I, Fundamentals of Mathematics, Applied R Programming, Introduction to Computer Science, Statistical Modeling I-II, Data Science Process, Bayesian Statistics, Introduction to Statistical Learning

WORK EXPERIENCE

Analytics Intern

Extra Space Storage, Salt Lake City, UT

October 2023 – April 2024

Consulting Intern

Airbus (via the Beacon Fellowship), Madrid, Spain

June 2023 – July 2023

SKILLS

- **Programming Languages:** Python, R, SQL
- **Languages:** English, Spanish

MEMBERSHIPS

- American Statistical Association 2024 - Current
- International Society for Bayesian Analysis 2024 - Current