

# Rebekah L Scott

801-860-9613 | rebekah.lynnescott@gmail.com | github.com/rlscott | linkedin.com/in/rebekahlscott | 0009-0007-8031-8818

## Professional Summary

- Applied statistician with over four years of experience in consulting, teaching, graduate-level research, and three summer internships.
- Broadly trained in data visualization, classical statistical methods, biostatistics, experimental design, and machine learning.
- Proficient in implementing and interpreting statistical models and other data analyses using R, SAS, Python, Julia, and JMP.

## Education

**Master of Science, Statistics** Iowa State University Ames, Iowa 4.00 GPA Aug 2023 - May 2025

**Bachelor of Science, Mathematics and Statistics** Utah State University Logan, Utah *summa cum laude* Aug 2021 - May 2023

## Work Experience

**Statistical Consulting Manager** Department of Statistics, Iowa State University Ames, Iowa July 2025 - Current

- Mentored five graduate student consultants by developing an onboarding process, individual check-ins, and training materials for weekly meetings.
- Strengthened outreach by creating promotional materials, redesigning website, and presenting about consulting services to multiple colleges.
- Provided statistical guidance to three long-term and two short-term graduate students with applications in agriculture and life sciences.

**Statistical Consultant** Department of Statistics, Iowa State University Ames, Iowa Aug 2024 - May 2025

- Guided seven long-term and five short-term clients with the correct usage of statistical methods in various fields of science.
- Advised on data visualization, experimental design, appropriate analysis, and interpreting results.

**Graduate Research Assistant** Department of Statistics, Iowa State University Ames, Iowa Jan 2024 - Aug 2024

- Modified a k-modes clustering algorithm for genetic data, implemented in Julia for ISU Veterinary Diagnostic Laboratory collaborators.
- Utilized the Linux terminal, bash scripting, a daemon, and parallel computing to streamline multiple simulation studies.

**Graduate Teaching Assistant** Department of Statistics, Iowa State University Ames, Iowa Aug 2023 - Dec 2023

- Taught statistical laboratory classes, gave constructive grading feedback, and answered student questions via email and office hours.
- Assisted with two courses STAT 201: Introductory Statistics and STAT 4/587: Psychology Statistics.

**Statistics Graduate Student Intern** Los Alamos National Laboratory Los Alamos, New Mexico May 2023 - Aug 2023

- Collaborated with an interdisciplinary team using sequential design of experiments for a carbon capture project.
- Utilized parallel computing and created an R package for generating non-uniform space-filling designs to run code efficiently.

**Undergraduate Teacher Assistant** Department of Mathematics and Statistics, Utah State University Logan, Utah Jan - May 2023

- Supported instructor during class, answered student questions via email, and graded for MATH 5730: Mathematical Statistics.
- Reviewed challenging concepts with students and assisted them on rigorous homework problems during office hours.

**Community Data Science Fellow** Los Alamos National Laboratory Los Alamos, New Mexico May 2022 - Aug 2022

- Directed two interdisciplinary teams with a week-long data-sprint to advise two local nonprofits via data analysis.
- Cleaned and analyzed multiple data sources via a high performance computing to uncover need areas for local philanthropic efforts.

**Mathematics and Statistics Tutor** Aggie Math Learning Center, Utah State University Logan, Utah Aug 2021 - May 2023

- Tutored students in a range of subjects including from algebra to multivariate calculus, linear algebra, and differential equations.
- Earned College Reading & Learning Association Certification Level II Certification through two semester-long training courses.

## Skills

**Programming** R, Julia, SAS, JMP, Python, Bash,  $\text{\LaTeX}$ , Git, HTML, CSS, parallel computing.

**Soft Skills** Time management, problem solving, communication, active listening, collaboration.

**Languages** English (native), Korean (intermediate), Russian (intermediate), Spanish (elementary).

## Achievements

2024	<b>Second Place in Graduate Student Oral Competition</b> , Conference on Applied Statistics in Agriculture	Univ. of Florida
2024	<b>Oscar Kempthorne Award for Excellence in Linear Models</b> , Department of Statistics	Iowa State Univ.
2023	<b>Outstanding Mathematics &amp; Statistics Student</b> , Department of Mathematics and Statistics	Utah State Univ.
2023	<b>Dean's Scholar for Academic Excellence: 4.00 GPA</b> , College of Science	Utah State Univ.
2022	<b>Van Vliet Scholarship for Academic Achievement</b> , Department of Mathematics and Statistics	Utah State Univ.
2021	<b>Future of Women in STEM Scholarship</b> , Chemours Company	