**Emily Logan**

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**EDUCATION**

**Brigham Young University** Dec 2023

*Bachelor of Science: Applied Statistics and Analytics* Provo, UT

* GPA 3.83
* BYU Half Tuition Scholarship, Statistics Department Scholarship, BYU Student Wellness Alliance Scholarship, BYU Volleyball Technical Coordinator Scholarship
* Related Coursework: R, SAS (SQL included), Multivariable Calculus, Linear Regression, ANOVA, Probability & Inference, Linear Algebra, Computational Linear Algebra (Python), Advanced Spreadsheets for Business Analysis (VBA)

**PROJECTS/RESEARCH**

**Predicting In-Set Win Probability: Women’s Collegiate Volleyball** Nov 2022-May 2023Provo, UT

* Use a product partition predictive distribution to predict the win probability after each play
* Present at BYU’s Student Research Conference in February 2023 - 1st Place Session Winner

**EXPERIENCE**

**BYU Women’s Volleyball** Sep 2022-Present

*Technical Coordinator* Provo, UT

* Collaborate with coaching staff to provide practice and game analytics through a series of daily, weekly, and seasonal customizable reports
* Learn new coding software in under 1 month to code 1000+ touches per match for real-time game analysis
* Manage the set-up and scheduling of technology used by coaching staff for training

**BYU Baseball + Salt Lake Bees MiLB** Feb 2021-Aug 2023

*Scoreboard Operator* Provo, UT

* Provide accurate and timely scoring information for fans and TV production teams
* Train new hires on Daktronics and Dakstats scoring software
* Collaborate with official scorers to update scoring with accurate information
* Work quickly and efficiently to provide an error free scoring experience

**BYU Statistics** Jan 2022-Apr 2022

*Teacher’s Assistant – Analysis of Variance* Provo, UT

* Monitor the academic success and course-related development of 115 students
* Update curriculum and lead exam review sessions to improve overall test score by 8%
* Create questions that properly assess synthesized knowledge to include on tests and homework assignments

**VOLUNTEER EXPERIENCE**

**Best Buddies** Aug 2021-Present

*Randy’s Buddy* Provo, UT

* Amplify the confidence of individuals with special needs through frequent contact and monthly organized activities

**BYU Student Wellness Alliance** Jan 2022-May 2023

*Scholarship Recipient and Committee Member* Provo, UT

* Collaborate with an interdisciplinary team of 6 students and faculty to implement solutions to student wellness issues
* Present data-backed, student-focused proposals and event recaps to professional staff

**The Church of Jesus Christ of Latter-day Saints** Jun 2019-Dec 2020

*Full-time Representative* Tampa, FL

* Accounted for groups of 20+ official representatives in goal setting and achieving
* Supervise the content schedule for 3 geographically organized Facebook pages