Alexia Wells

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EDUCATION

University of Utah, David Eccles School of Business　　　　　　　　　　　　Salt Lake City, UT
Master of Science, Business Analytics　　　　　　　　　　　　　　　　　　　　　*May 2025*
- GPA: 3.804

Brigham Young University, College of Physical and Mathematical Sciences　　　　　Provo, UT
Bachelor of Science, Statistics: Data Science　　　　　　　　　　　　　　　　*December 2023*
Secondary Major in Spanish Studies
- GPA: 3.69, Scholarships: Foreign Language Student Residence Experiential Learning, Merlin Compton, Humanities Study Abroad, Statistics-Elrod C. Leany, Achievements: Member of Mu Sigma Rho Statistics Honor Society

SKILLS

Programming: R, Python, SQL, Linux, HTML, Excel, C++, SAS, VBA, R Shiny
Machine Learning & Analysis: Machine Learning, Data Mining, Text Analytics, Analysis of Correlated Data, Business Decision Algorithms, Spreadsheets Analysis, Data Visualization, PowerBI
Databases: Database Theory, Data Warehousing, Microsoft Azure
Web Tools/Technologies: HTML, GitHub, Git, Kaggle, OpenGrock, Docker, Jenkins, BitBucket
Math: Calculus, Probability, Regression, ANOVA
Project Management: Jira, Confluence
Languages: English, Spanish, Portuguese

EXPERIENCE

Brigham Young University　　　　　　　　　　　　　　　　　　　　　　　　　　Provo, UT
Statistics Course/Career Coordinator　　　　　　　　　　　　　　　　*February 2024–Present*
- Assist professors with course development and creative implementation including engaging lecture quizzes, exams, and ethics focused lectures
- Clean and prepare Kaggle datasets for coursework, deploying them through an R Shiny app for interactive exploratory data and statistical analysis
- Conducted mandatory weekly training sessions for 40 teaching assistants to enhance their skills and support course operations
- Communicate regularly with students and professors regarding deadlines and University-approved accommodations

BYU Online　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　Provo, UT
Principles of Statistics Teaching Assistant and Tutor　　　　　　　*December 2022– December 2023*
- Provided personal assistance to 100+ students in an entry level college statistics course
- Explained complex concepts in simple terms by tailoring teaching
- Inspected students' work with quality and quick feedback while working on several tasks

ST Engineering iDirect　　　　　　　　　　　　　　　　　　　　　　　　　Herndon, UT
Software Engineer Intern　　　　　　　　　　　　　　　　　　　　*May 2023– August 2023*
- Worked in C++ software development for network applications that control the flow of TCP/IP data through satellite communications network which tested the functionality and robustness of said networking applications
- Generated concise documentation in confluence on development environment setup and process flows in the next-generation platform
- Participated in daily stand-up meetings and sprint plannings to define goals, communicate blocks, and create actionable plans for delivering completed tasks

COMPETITION

Domo-Layton Construction 48-Hour Hackathon　　　　　　　　　　　　　*November 2024*
- Placed 3rd out of 36 registered teams
- Utilized Domo to uncover analytical insights and correlations relating to safety incidents