Kimberlee Simpkinson

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**Education**

Bachelor of Science in Biostatistics Expected graduation: Dec 2018

*Brigham Young University – Idaho* *Rexburg, ID*

* GPA 3.8
* Relevant coursework: Biostats, Intermediate Stats, Experimental Design, Software Development, Data Structures, Database Design, Linear Regression, Linear Algebra, Data Wrangling

**Languages**

* Statistical Analysis
* Python
* C++
* Excel
* R
* Oracle SQL

**Work History**

**Workforce Analytics Consultant Intern** Jan 2018 – Present

*Human Capital Management Institute Rexburg, ID*

* Completed statistical analysis on employee recognition and productivity for three major companies, refining analytical and programming skills in R and excel
* Worked with massive databases with financials and productivity information for over 7,000 companies, improving ability to organize and understand big data
* Created reports on employee engagement and its financial impact as well as produced a written case study, improving presentation and skills

**Tutor** Jan 2016 – Apr 2018

*BYU-Idaho Rexburg, ID*

* Tutored hundreds of students and occasionally taught basic chemistry classes gaining the ability to instruct others clearly at a level where they could understand
* Explained concepts, instructed students, and guided them to mastering concepts relating to their coursework throughout semesters
* Revised and wrote quizzes to be used by students to aid in learning the material increasing communication and writing skills

**Shift Manager** Apr 2015 - Aug 2017

*Pizza Hut Rexburg, ID*

* Addressed customer concerns and needs, resolving those needs as quickly as possible bettering effectivecommunication skills
* Earned management trust by serving as key holder, responsibly opening and closing the store
* Trained new employees as to their job responsibilities, including manager responsibilities such as money handling and securing the store, and ensured proper work ethic

**Skills/Projects**

**Drone Imagery Processing**

* Helped create/write a program in R to calculate plant health from aerial crop photos taken with a drone, improving coding abilities
* Researched methods to automate photo stitching process using R and/or Python, searching several packages, increasing knowledge of both R and Python and improving research skills

**Data Wrangling and Visualizations**

* Practiced using multiple packages in R including ‘ggplot2’ and ‘dplyr’, refining skills in converting, cleaning, transforming, and merging data
* Dedicated hours creating visualizations and reports that effectively display and communicate meaning from spatial, temporal, and textual data

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July 18, 2018

Brother Hathaway,

Thank you for the time and effort you put into this class to help me learn many principles and concepts which I will be able to bring to future employers. This semester I have become much more proficient in my use of R and have gained many skills when it comes to handling data.

As part of the outline for this course we were to have learned how to convert data from varies formats or structures, clean, transform and merge data attributes, effectively display and communicate meaning from spatial, temporal, and textual data, and use current analysis, presentation, and collaboration tools in the data science community. I feel I have gained sufficient experience with these concepts to continue using them and further my experience in future efforts.

Weekly tasks and assignments enabled me to not only learn these skills, but apply them on multiple occasions, solidifying my understanding and abilities. It allowed me to feel confident in my abilities and able to use them in real-life settings and with my current employers. I will continue to learn and practice these skills by using them in my current job. New tasks and assignments will be handed to me which will require me to not only use the skills I now have, but to continue to learn and build my portfolio. I completed all the tasks and case studies on time, and I completed a semester project. I was also a team lead for case study review three times. I believe that with the skills I have learned, the tasks I have completed, and the time and effort I have put into this course, I deserve an A.

Thank you very much,

Kimberlee Simpkinson