Bethany Owen

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| EDUCATION |  |
| **Bachelor of Science of Data Science** | Graduation Date: Apr. 2026 |
| *Brigham Young University-Idaho* | Rexburg, ID |
| GPA: 3.9 |  |

* Databases / Finance / Analytics / Supply Chain / Payroll Analytics
* National Geographic research recognition award, Research in STEM scholarship, Hackathon (1st place)
* Experience with Python, R, SQL, Excel, and Tableau



# PROJECTS/RESEARCH

**Hackathon** Oct. 2024

*Team Co-Leader* Rexburg, ID (Sponsored by BYU-I)

* Won first place in our category at a Hackathon
* Analyzed, aggregated, cleaned, and converted the data collected for the web with R, Python, and SQL
* Used CSS and HTML to create a web application for data and visualizations, among other things

**Data Science Society - Local Fire Department, equipment tracker** Aug. 2023 - Dec. 2024

*Project Team Member*  Rexburg, ID

* Designed analytic software that convinced higher-ups to double the client’s budget
* Presented findings from financial and demographic data to optimize spending policies
* Developed new skills, R, Shiny, Streamlit, etc.

**Educational Children’s math learning game** Aug. 2022 – Dec. 2023

*Sole developer*  Rexburg, ID

* Designed a playable game that elementary-aged children found enjoyable and engaging
* Game tested and changed the design based on target audience feedback



EXPERIENCE

**Payroll Analytics System Developer** Apr. 2023 – Current

*Data Science Unlocked*  Remote

* Developed and implemented a customized payroll database system
* Improved existing software by incorporating a data and custom tools requested by the clients
* Worked with other team members to implement new features of the application

**Care giver/Special needs care provider (CNA)** Feb. 2023 – Ang. 2023

*Private Employer*  Plain City, UT

* Stabilized and followed proper guidelines during medical emergencies, utilizing healthcare training
* Sanitized, organized, cleaned, fed, bathed, and generally cared for 3 children and the home
* Lead educational, therapeutic, and developmental activities; homework help, walk therapy exercises, speech therapy exercises, feeding therapy exercises, etc.

**Assistant Store Manager**  Apr. 2022 – Sep. 2022

*Mrs. Cavanaugh’s Chocolates and Ice Cream*  North Ogden, UT

* Trained 2 new employees, balanced the cash register daily, and closed the store
* Constructed displays well, abiding by health codes, well keeping it practical, and visually appealing
* Assisted customers through various channels, including phone, drive-through, and in-store interactions