

# Aj Averett

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## Education

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### Brigham Young University - Idaho

August 2024

B.S. in Data Science

- Minor in Statistics; Certification in Machine Learning

## Experience

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### WPA Intelligence

July 2022 – November 2022

*Data Science Intern*

- Analyzed/visualized voter data trends with statistics and machine learning models to predict ideological disposition and turnout of various governmental districts across 30+ states; used this information to create digestible reports for 80+ political campaigns
- Automated specific sampling methodologies to decrease polling production time
- Used GIS data to categorize over 100M records of voter data into 12 granularities of population density which increased accuracy and AUC for all future machine learning models

### Mathematics Department- BYU Idaho

*Data Science Tutor- R Lab*

May 2022 – July 2022

- Interfaced and tutored students seeking help in computer science and mathematics for various intermediate level data science courses using various libraries within tidyverse including ggplot2, tidyr, dplyr, and forcats.

*Teacher's Assistant- DS Programming*

April 2022 – July 2022

- Graded projects and mentored 40+ students in the fundamentals of data science programming and visualization with Python packages including Pandas, NumPy, and Altair.

### Lone Star Polypac

June 2021 - April 2022

*Technical Aide*

- Managed and contributed content for Lone Star Polypac's website to efficiently relay information to potential customers; Formatted documents for administrative use using the Microsoft Office Suite

## Volunteer

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### Maryland Baltimore Mission

March 2019 - February 2020

*Technology Consultant and Service Organizer*

- Organized community service among teams as regional director and acted as lead technology consultant for an institution of 100+ volunteers; Gained conversational competency in Spanish to better interface and communicate with several multilingual institutions

## Skills

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- Language: Spanish (Working Proficiency), American Sign Language (Basic Proficiency)
- Technical: Python- Pandas, Altair, NumPy; R- Tidyverse (ggplot2, dplyr, tidyr, stringr); SQL