**Aj Averett**

832.856.4666 | ajaverett0@gmail.com | https://www.linkedin.com/in/ajaverett/

**Education**

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| **Brigham Young University - Idaho** | August 2024 |
| B.S. in Data Science |  |

* Minor in Statistics; Certification in Machine Learning; Major GPA: 3.6

**Experience**

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| **WPA Intelligence**  *Data Science Intern* | July 2022 – November 2022 |

* 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

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| **Mathematics Department- BYU Idaho** |  |
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| *Project Manager- Data Science Society/Onsemi* | Jan 2023 – March 2023 |

* Collaborated with Onsemi to produce a system for automated reports using webscraping and NLP
* Organized and led a team of six data scientists over three months to complete various tasks

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| *Data Science Tutor- R Lab* | May 2022 – *Present* |

* 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.

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| *Teacher's Assistant- DS Programming* | April 2022 – *Present* |

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

**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**

* **[Python]**- Pand­as, NumPy, Seaborn, Altair, Sci-kit Learn; ML, Automation, Basic NLP
* **[R]**- Tidyverse (ggplot2, dplyr, tidyr, stringr); Visualization, Data cleaning, Quarto, Basic GIS