

Jacob M. Munson

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Summary of Qualifications

- Software applications and programming and formatting languages:
 - Languages: R/Rstudio, Python, Git/GitHub, SQL, C++, Java
 - Applications: Microsoft Office, LaTeX, Markdown
- Strong mathematics of machine learning and data mining background:
 - Regression analysis, Bayesian methods, time series & forecasting, recommendation systems, optimization
- Experience with large datasets and business applications
- Excellent interdisciplinary communication skills in both writing and oral presentation
- Strong visualization and story-telling skills

Education

Montana State University; Bozeman, Montana

- *Master of Science; Data Science* | August 2018 - May 2022
 - GPA: 3.74/4.00
- *Doctor of Philosophy; Interdisciplinary: Computer Science & Math Sciences* | August 2018 - Present (ABD)

Murray State University; Murray, Kentucky

- *Master of Science; Mathematics* | December 2017
 - GPA: 3.64/4.00
- *Bachelor of Science; Mathematics, Physics* | May 2015
 - GPA: 3.89/4.00 | Summa Cum Laude

Activities & Honors

- **Rocky Mountain Data Science | Executive Committee** | August 2019 - Present
- **Murray State University | Dean's List** | August 2010 - May 2015
- **Gamma Beta Phi Honor Society** | 2013 - Present
- **Alpha Chi National College Honor Society** | 2013 - Present
- **National Society of Collegiate Scholars** | 2012 - Present
- **Alpha Lambda Delta Honor Society** | 2010 - Present

Work Experience

Montana State University; Bozeman Montana | *Graduate Research Assistant* | January 2020 – Present

- Research positions in Computer Science & Mathematical Sciences

Tadpull, Inc.; Bozeman, Montana | *Data Scientist* | May 2019 - December 2019 (temporary position)

- Continued development and communication of models such as customer lifetime value modeling, propensity modeling, product recommendation engines, and attribution modeling

Tadpull, Inc.; Bozeman, Montana | *Data Science Intern* | January 2019 - May 2019

- Aided in the development of statistical and machine learning models for digital marketing tasks

Montana State University; Bozeman Montana | *Graduate Teaching Assistant* | August 2018 – May 2019

- Instructed introductory mathematics course and co-instructed introductory statistics courses; maintained student relations and grading procedures
- Support staff in departmental *Math Learning Center* with basic tutoring responsibilities

Murray State University; Murray, Kentucky | *Graduate Teaching Assistant* | August 2015 – December 2017

- Taught developmental mathematics courses; maintained student relations and grading procedures
- Monitored student resource center through Department of Mathematics; coordinated study assistants