# Jayce E. Beck

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Enthusiastic computer science student with a passion for data science and computation systems. Offering skills in data manipulation, visualization, and project management. Demonstrated problem-solving abilities, teamwork, and adaptability in dynamic environments.

## EDUCATION

**BS in Computer Science | Data Science | Mathematics Minor**
**Big Data Analytics Business Certificate**
University of Montana, Missoula, MT, expected December 2024

> <u>Integrated Project Management</u>: Emphasis on **project planning**, team selection models, and **project management techniques**. (Spring 2024)

> <u>Programming for GIS</u>: Analysis of spatial data using **Google Earth Engine** and **Python**. Proper communications of analysis findings. (Fall 2024)

> <u>Machine Learning</u>: Learning from examples. Application of **Supervised** and **Unsupervised ML models**. (Fall 2023)

> <u>Data Analytics</u>: Focus on data visualization and essential data analytics tools. **Regression** and **cluster modeling** for varying datasets. (Fall 2023)

> <u>Database Design</u>: Designed, implemented, queried databases using the **SQL** programming language. (Spring 2023)

## WORK EXPERIENCE

**Data Manager**
*Institute for Tourism and Recreation Research, University of Montana, November 2022-Present*

- Increased automation and researcher tasks by introducing **extract, transform and load(ETL)** principles to legacy Excel workload
- Implemented **GIT** and **version control** to ensure stability and integrity of critical data pipelines
- Enhanced the data process efficiency capabilities using **SQL Server Management Studio** and **Tableau Suite**
- Facilitated effective communication and report writing using **Microsoft Outlook, Word, Excel, Powerpoint and Teams**

## COMMUNITY INVOLVEMENT

**Tamarack Grief Resource Center,** Peers as Leaders, Young Adult Council, 2017-Present

## CAMPUS LEADERSHIP

**Leading Out West Statewide Leadership Conference**, Missoula, MT, March 2024
**STARS Scholar**, STEM Academic Achievement Program, August 2023-Present