Daniel Grenier

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RESEARCH EXPERIENCE

University of Missouri   May. 2023 – Aug. 2023
Undergraduate Researcher   *Columbia, MO*
- Researched artificial intelligence and machine learning applications in business and prescriptive analytics.
- Synthesized QGIS, Python, and RStudio to analyze data in multiple formats simultaneously.
- Created and implemented models to predict soybean production using color and infrared aerial imagery.
- Presented findings at Summer Undergraduate Research Forum with over 300 attendees and a panel of judges.

WORK EXPERIENCE

Colorado School of Mines   Aug. 2023 – Dec. 2023
Applied Mathematics and Statistics Department Grader   *Golden, CO (Remote)*
- Graded worksheets for an undergraduate linear algebra course while studying abroad in Hungary.
- Provided feedback and corrections for more than 30 students in a timely and efficient manner.

Target   Aug. 2021 – Apr. 2023
Guest Advocate   *Wheat Ridge, CO*
- Work experience in all departments of the store, including stocking, cashiering, guest complaints, and returns.
- Often placed in a leadership role, managing and coordinating up to 10 people to meet strict deadlines.
- Worked 30+ hour weeks while maintaining a 3.75 GPA.

Jellystone Park Larkspur   Apr. 2017 – Nov. 2018; Jul. 2020 – Oct. 2020
Activities Assistant   *Larkspur, CO*
- Developed and directed various activities for as many as 300 people and coordinated multiple large events.
- Provided excellent customer service in a high-volume environment and gained leadership experience.
- Handled complaints in a positive and professional manner; gained cashier and mascot experience.

EDUCATION

Colorado School of Mines   Expected Graduation May, 2024
BS, Statistics   *Golden, CO*
- Dean's List; 3.94/4.0 GPA; 4.0/4.0 Major GPA.
- Recipient of the Applied Mathematics and Statistics department E-Days Engineering Award.
- Member of Society for Women in Mathematics and played on the AMS Intramural Soccer team.
- Study abroad in Pécs, Hungary from September 2023 - June 2024.

Pikes Peak Community College   May, 2020
AS, Mathematics   *Colorado Springs, CO*
- President's List, Dean's List; 3.83/4.0 GPA.
- Began attending at age 13 and completed a full AS program while in high school.

SKILLS, PROGRAMMING LANGUAGES, & INTERESTS

- **Skills:** Mathematics; programming; data processing; data analysis; technical writing; customer needs; planning and organizing; problem solving; computer proficiency; leadership; time management; efficiency.
- **Programming Languages:** R; Python; Matlab; LaTeX; C++; Java; SQL; Kotlin.
- **Interests:** Piano; soccer; Rubik's cubes; travel; running; Mario Kart; reading.