

BRADEN LOWE

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EDUCATION

Master of Science; Computer Science - University of Colorado Boulder **Expected May 2026**

Bachelor of Business Administration; Finance - Colorado Mesa University **May 2024**

- Student-Athlete; Men's Lacrosse
- Deans List 2023

SKILLS

- Technical: Python, SQL, Excel, Tableau, PowerBI, AWS, Stata
- Professional: Analytical Thinking, Communication, Self-Starter, Team Work, Problem Solving

PROJECTS

Forecasting Healthcare Labor Gaps

- Built a predictive model in **Excel** to forecast physician shortages; visualized findings in **Tableau**
- Gathered data, cleansed, and transformed data into a useable database using **Python**
- Developed a model to predict needed MDs compared to the rising rate of retirement
- Concluded that the rate of retirement is rising at a higher rate than medical grads
- Presented findings to judges of University project competition

Credit Card Reward Optimization

- Analyzed personal spending using **python** to determine how to maximize credit card rewards
- Utilized American Expresses API to query the needed spending data
- Categorized expenditures and calculated the total spending for each category utilizing **pandas**
- Visualized comparisons with **Matplotlib** and **Seaborn** to identify the optimal card based on spending patterns

Security Analysis and Portfolio Management

- Built a long-term, ethically aligned portfolio using **Python**, **Excel**, and **yfinance**, following an IPS with moderate risk tolerance
- Analyzed securities using **Beta**, **CAPM**, and **Coefficient of Variation** to assess risk-return tradeoffs
- Queried and processed historical data via Yahoo Finance API, visualized correlations with **Seaborn** and **Matplotlib**
- Presented findings in PowerPoint, factoring in economic conditions like interest rates, inflation, and geopolitical risk

EXPERIENCE

Lift Operator, Snowbasin Resort **Nov 2024 — April 2025**

- Provided excellent customer service while resolving pass issues and enforcing resort policy
- Collaborated with operations team to coordinate efficient lift loading and crowd management
- Maintained accurate logs of guest incidents and operational activity

Sales, Entrepreneur **May 2020 — May 2024**

- Built a business specializing in trading cards and other collectibles
- Generated leads through various social media outlets
- Upheld a 100% customer satisfaction

LEADERSHIP

- Student-Athlete at Colorado Mesa University; Men's Lacrosse
- Demonstrated strong leadership qualities by setting high standards of commitment, work ethic, and sportsmanship, serving as a role model for fellow athletes
- Engaged in community service initiatives as part of the lacrosse team, actively participating in volunteer activities such as coaching youth teams, being a part of charity fundraisers, and community-based organizations