

# Brody Kretz

Boulder, CO | 561-818-8486 | Brodyeckretz@gmail.com | BrodyKretz.com | www.linkedin.com/in/brody-kretz/

## EXECUTIVE SUMMARY

---

Information Scientist passionate about technology and business, driven to solve real-world problems by creating innovative and practical tech solutions. My goal is to bridge data, design, and strategy to make a meaningful impact.

## EDUCATION

---

**University of Colorado Boulder**, Boulder, CO

Aug 2022 – May 2026

**Bachelor of Science:** Information Science | Minors: Business

**Relevant Coursework:** Starting Computing, Mathematical Analysis in Business, Statistics for Information Science, Intro to Information Science: Data, Programming for Info Sci 1-2

## SKILLS

---

**Technical:** Java, Javascript, Python, C++, SQL Shell Scripting, Penetration Testing

**Programs:** Tableau, Excel, Github, BigQuery, Google Sheets, Xcode

**Professional:** Problem Solving, Critical Thinking, Adaptability, Flexibility, Resilience, Integrity

## WORK EXPERIENCE

---

**Vidsig - Software Development Intern** | May 2024 - Aug. 2024 | Walnut Creek, CA

- Collaborated closely with collaborative teams to troubleshoot and enhance VIDSIG's digital platform, demonstrating strong communication and analytical thinking.
- Contributed ideas during brainstorming sessions, using initiative, creativity, and a willingness to learn about product development and user-centered design.
- Built and maintained professional relationships with key partners, highlighting interpersonal skills and the ability to represent the brand confidently in outreach efforts.

**Safeway - Produce Clerk** | Mar 2025 - Aug 2025 | Boulder, CO

- Collaborated with team members to unpack and distribute inventory smoothly, ensuring efficiency and safe handling in a fast-paced environment.
- Used visual awareness and initiative to restock and rotate produce for quality and presentation, supporting team efforts to reduce waste.
- Demonstrated responsibility and consistency through regular cleaning and organization, contributing to a positive customer experience and food safety.

## PROJECTS

---

### Spotify Artist Network Visualization Project

- Developed a Python program using the Spotify API to map networks of related artists and visualize genre connections.
- Implemented recursive data collection to trace multi-level artist relationships and prevent duplicate nodes using sets and dictionaries.
- Created an interactive web-based visualization showing how artists and genres interconnect across Spotify's recommendation system.

### Project Survey Research and Analysis Project

- Conducted survey research targeting students to gather insights on experiences with school websites and technology usage.
- Analyzed data from over 100 responses to evaluate usability, satisfaction, and areas for improvement in school digital platforms.

### FBI Most Wanted Data Analysis Project

- Collected and analyzed data from the FBI Most Wanted API and external CSV datasets to map fugitive locations and activity patterns.
- Built interactive Python visualizations (Folium, Pandas, Matplotlib) to identify regional crime trends and correlations across states.
- Cleaned and merged large data sets, performing geospatial analysis to explore relationships between geography and fugitive capture success.

### Yelp Data Analysis Project

- Analyzed large Yelp datasets using SQL and Google BigQuery to extract meaningful insights about business trends.
- Focused on patterns in customer reviews and ratings to understand consumer preferences across various business sectors.
- Provided visualizations and a summary report to highlight significant trends in consumer behavior and business performance.