

JADEN CASTLE

Innovative Data Analyst, Web Developer, and UX Designer with expertise in research, human-centered design, and content management.

jadencastle.com
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EDUCATION

**Bachelor of Science, Information Science;
Creative Technology Design Minor**

University of Colorado, Boulder

Relevant Courses:

Designing Interactions, Statistics, Computational Reasoning 1-2, Quantitative Reasoning, Information Ethics and Policy, User-Centered Design, Web Design, Design Foundations, Information Exploration, Information Exposition, Applied Machine Learning, User Design for Digital Media

Certifications:

Google UX Design Professional
Google

Applications & Programs:

Python, JavaScript, SQL, Adobe Creative Cloud, Figma, Tableau, HTML, CSS, React.js, Excel

Skills:

Analytical Thinking, Full Stack Development, Qualitative Research, Prototyping, Usability Testing

WORK EXPERIENCE

Administrative Assistant | Buff OneCard Office

Jan 2023 - Present

University of Colorado, Boulder, CO

- Facilitated in the onboarding of **100+ new students** by organizing orientation materials and facilitating information sessions.
- Coordinated communication between five departments, ensuring timely distribution of important student resources and updates.
- Handled administrative tasks, including filing, **data entry**, and correspondence, reducing response times by 12%.
- **Streamlined** the student application process by updating and maintaining **web-based** forms, reducing submission errors by 20%.

**Research Assistant | ITEC Lab (Information Technology
Education & Contexts)**

May 2023 - Jan 2024

University of Colorado, Boulder, CO

- Conducted 50+ hours of **qualitative interviews** gathering data for a study on women's first year experience in computer science
- Analyzed and organized **100+** data sets using **Miro**, contributing to a 20% increase in project efficiency.
- Collaborated with a team of four researchers to design experiments, leading to 15% more **accurate data collection**.
- **Developed** a web-based research database, ensuring secure data storage and easy access for the team, reducing search time by 40%.

PROJECTS

Women in CS First Year Experience | NCWIT

Goal: Examine the experiences of first-year women in computer science, identifying factors that influence inclusion, exclusion, and retention, with a focus on peer interactions and department culture.

Contribution: Conducted 50+ hours of interviews, organized 100+ data sets, and developed a web-based research database, reducing search time by 40%. Collaborated with a team to improve data collection accuracy by 15%.