JADEN CASTLE

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

jadencastle.com
jadencastle303@gmail.com

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

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WORK EXPERIENCE

Web Developer | Anxiety Force   Jan 2025 - Present

Boulder, CO

- Designed and developed **responsive**, user-friendly websites for clients, ensuring seamless navigation and modern aesthetics using **JavaScript**, **HTML**, and **CSS**.
- Collaborated with clients to gather requirements, create **wireframes**, and implement custom features tailored to their needs.
- Integrated secure **data storage solutions** and streamlined **content management systems** (CMS) for clients, **enhancing** efficiency and accessibility.
- Implemented **SEO best practices**, including **meta tags**, **structured data**, and **keyword optimization**, boosting organic traffic by **50%** for client websites.

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 **10+** 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 10+ 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%.**