CLAIRE LUEKING

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EDUCATION AND CERTIFICATIONS

B.S. Applied Computer Science | University of Colorado Boulder **|** 2023-2025
- Cumulative GPA: 3.68/4.0

B.A. Integrative Physiology, Minor Sociology | University of Colorado Boulder **|** 2019-2023
- Cumulative GPA: 3.23/4.00
- Four Year Academic Merit Scholarship at University of Colorado Boulder

IBM DevOps and Software Engineering Professional Certificate | 2023-2023
- Studied and managed the Software Development Lifecycle (SDLC) through various hands-on labs
- Created coding projects with Kanban boards, CI/CD pipelines, Kubernetes, Docker, Microservices, and Application Security through Python and Linux based projects on GitHub
- Courses: DevOps, Cloud Computing, Software Engineering, Agile Development, Linux, Python, Git, TDD, Containers, Microservices, and CI/CD.

TECHNICAL SKILLS

Computer Languages: Python, C++, HTML, CSS
Software: Figma, Tableau, PowerBI, Canva, Excel, GitHub

RELEVANT EXPERIENCE

Project, Conceptual Work | Boulder, CO | 2025 -- 2025
- Modified and designed a mobile restaurant app based on LinkedIn Learning's "Figma Essential Training: The Basics"
- Followed branding elements and designed based on needs for mobile app navigation challenges

Project, Software Development Methods and Tools | Boulder, CO | 2024 -- 2024
- Collaborated with team members to build an inventory management system from scratch
- Developed a SQL database, a Python-based backend architecture, and a HTML and CSS website

Project, Data Mining | Boulder, CO | 2024 -- 2024
- Utilized existing data on ultramarathon runners to analyze trends in paces and ages throughout races
- Created visualizations summarizing the findings and ran statistical analyses on the data using Python

LEADERSHIP EXPERIENCE

Social Director | Women in Computing | Boulder, CO | 2024 – Present
- Fostered meaningful relationships with fellow women in computer science through facilitation of meetings, networking events, and social events
- Learned about recent computer science practices through career workshops and industry days by attending professional development events

Outreach Committee | Society of Women Engineers | Boulder, CO | 2023 -- 2024
- Actively engaged in a dynamic network of women in engineering, attending two networking events per semester
- Enhanced industry insights by participating in bi-semester professional development events.
- Championed empowerment by organizing and participating in outreach events for women and girls in STEM

PROFESSIONAL ORGANIZATIONS

Women in Cybersecurity | Denver, CO | 2024--Present
- Engaged with women in the cybersecurity field via professional development webinars and social events
- Encouraged women to enter the cybersecurity field through developing meaningful relationships

ADDITIONAL EXPERIENCE

Climbing Gym Attendant | Boulder, CO | 2024--2024
- Monitored well-being of customers within the gym and enforced safety precautions for climbing
- Assessed climbers for knowledge and safety on top rope, lead climbing and belaying, and auto belay