

Megan Steinmasel

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EDUCATION

Montana State University | Bozeman, MT

- B.S. Computer Science - Professional

Relevant Coursework: Joy and Beauty of Data, Data Structures and Algorithms I and II, Discrete Structures, Programming with C, Software Engineering, System Administration, Computer Systems, Computer Security, Networks, Computer Science Theory, Data Mining, Compilers, Technical Writing, User Interface Design, Database Systems, Human-Computer Interaction, Web Design, Mobile App Development, and Web Development

Associations: Women in Engineering, Association of Women in Computing

Certifications: Figma Certification: Beginner to Pro 2023, MSU Leadership Certification

SKILLS & TECHNICAL TOOLS

Languages: HTML, CSS, JavaScript, Java, C, Python, Kotlin, React, R

Skills & Technologies: Figma, Lucidchart, WordPress, Wix, Git, Docker, Wireframing, Prototyping, Research, Statistics, R-Studio, Technical Writing

EMPLOYMENT HISTORY

IT Security Analyst (Internship) - Billings Clinic

July 2024 - Present

- Configured, developed, and deployed security rules for threat detection.
- Proficiency in querying and analyzing company databases to support cybersecurity analysis.
- Analyzed logs from SEIMs and security platforms.
- Participated in security incident response drills, improving readiness for real-world attacks.

Researcher - Software Engineering & Cybersecurity Lab (SECL)

August 2023 - July 2024

- Using Snort, Wireshark, and Docker to conduct network quality research.
- Develop various testing methods to validate the consistency of these software tools in analyzing network traffic.

Lab Tech - Montana State University

June 2021 - February 2023

- Utilized biotechnology machines to diagnose plant viruses.
- Created 50+ testable laboratory plates per week, conducted tests, and reported the test results for each plate.

EXTRACURRICULARS

Worlds of Work Outreach Program - Great Falls, MT

- I was chosen to travel to Great Falls, Montana to educate middle school students about Computer Science opportunities and inspire them to use creative problem-solving skills.

Grace Hopper Conference - Orlando, FL

- I was selected to attend the Grace Hopper Conference to further my technical education.

Art

- I find great joy in the art of oil painting, drawing, and crocheting!