Isaac Teuscher

SFS Scholar · US Citizen, Security Clearance Eligible · isaacteuscher@gmail.com · 510-206-8202

EXPERIENCE

Paramify   July 2024-Present
Security Engineer
- First security hire and lead security engineer. Reporting directly to executives (CEO, CTO).
- Built and led security operations across 6 domains: cloud security, product security, infrastructure security, employee security training, IT security, and compliance.
- Pioneered FedRAMP 20x risk management, enabling Federal Agency transition to automation-first GRC.
- Recognized thought leader, invited to speak on panels, webinars, podcasts, and at national conferences.
- Guided 5+ teams and partner organizations through FedRAMP 20x implementation to FR authorization.
- Architected FedRAMP Boundary in AWS GovCloud achieving FedRAMP High Ready state in 4 months.
- Improved cloud security posture from 68% to 100% compliance within 3 months.
- Advised cross-functional teams (sales, product, customer success, marketing) on GRC strategy.
- Designed Kubernetes microservices architecture for security tools improving deployment efficiency.
- Implemented FedRAMP High controls, directly addressing 800+ security control requirements.
- Led Mobile Device Management (MDM) including device enrollment and troubleshooting for 40+ staff.
- Designed and deployed monthly phishing simulations, resulting in a 25% decrease in employee click rates.
- Implemented SentinelOne SIEM to ingest data from AWS cloud resources to enable threat detection.
- Collaborated with CEO, CISO, and CTO to define and execute company-wide cybersecurity strategies.

Supervisor: Mike Cook | Hours per week: 40 | Pay: $40/hour

Idaho National Labs   Sept 2023-April 2024
Cybersecurity Research Project   Provo, UT
- Created hands-on ICS cyberattack simulations, enhancing critical infrastructure threat preparedness.
- Conducted threat intelligence analysis on critical infrastructure, identifying 5+ active attack vectors.
- Developed cybersecurity curriculum for professionals in the energy and communications sectors.
- Mapped real-world cyber attack scenarios to the Cyber Kill Chain, improving incident response strategies.
- Presented ICS cybersecurity research findings to senior researchers, influencing training program updates.

Supervisor: Ralph Ley | Hours per week: 10

National Collegiate Cyber Defense Competition (CCDC)   Sept 2022-April 2025
Team Member, Team Captain (2024-25)   Provo, UT
- Led a 12-member cybersecurity team with first-place finishes at the 2023, 2024, and 2025 Rocky Mountain CCDC competitions.
- Drafted 300+ business memos on cybersecurity incidents and tools within 60-minute timeframes, enhancing executive decision-making and technical communication skills.
- Secured full-stack web applications, remediating 15+ vulnerabilities in PHP, MySQL, and IIS stacks.
- Implemented Splunk as a SIEM tool, detecting and mitigating 20+ attack vectors during competitions.
- Monitored network traffic using NGFW and IDS/IPS tools to identify indicators of compromise (IOCs).
- Managed 7 cybersecurity engineers during intensive incident response scenarios.

Brigham Young University   Jan 2023-Jan 2024
Research Assistant   Provo, UT
- Designed two research projects, conducting 25+ in-depth user interviews to identify key privacy concerns.
- Conducted and presented original academic research on cross-cultural privacy to academic audiences.

The Church of Jesus Christ of Latter-day Saints ICS   May 2022-Aug 2022
Quality Assurance Engineer Intern   Riverton, UT
- Ensured quality bug-free releases to 700,000+ global users
- Automated functional and regression testing for CI/CD pipeline with Selenium (C#), increasing testing efficiency by 50%.
- Migrated key features from a legacy codebase to an Azure Cloud web application, improving system reliability for 700,000+ global users.
- Resolved SQL data sanitation issues impacting 100+ users.

Supervisor: Jason Whalen | Hours per week: 40 | Pay: $21/hour

EDUCATION

Brigham Young University   Present
MS: Information Technology & Cybersecurity   Provo, UT
- CyberCorps Scholarship for Service Fellow
- National Collegiate Cyber Defense Competition (CCDC) 2022-25, Team Captain (2024-25)
- Cloud Security, Security Operations, Networking (TCP/IP), Penetration Testing, Research
- GPA 4.00

Brigham Young University   Apr 2024
BS: Information Technology   Provo, UT
Minor in Design Thinking
- Security Controls, Sys Admin, Full Stack Development, Databases, UX, Technical Writing
- Cybersecurity Club, WiCyS Secretary, Civic Engagement Club
- GPA 3.82

SKILLS

Proficient: FedRAMP, AWS, Terraform, Linux SysAdmin, JavaScript, Technical Writing, UX, SOC 2, NIST 800
Moderate: Kubernetes, SIEM, Networking (TCP/IP), Splunk, SQL, DevOps, C++, C#, Threat Hunting, Selenium

VOLUNTEER EXPERIENCE

BYU Civic Engagement Club   Sept 2023-April 2024
Leadership Team   Provo, UT
- Planned and led community engagement events including a breakfast with the Governor of Utah.
- Encouraged voter registration and civic engagement through weekly outreach activities.

The Church of Jesus Christ of Latter-day Saints   Jun 2019-Jun 2021
Full-Time Volunteer Representative   Iowa City, IA
- Committed 2 years full-time to helping others in the community.
- Developed strong public speaking, leadership, and organizational management skills.

Commitment to work for a Federal Agency through the Scholarship for Service (SFS) fellowship.
US Citizen. Security Clearance Eligible. Registered with Selective Service.