Brian Gergens

CYBERSECURITY & INFRASTRUCTURE ENGINEER

Twin Falls, Idaho, USA

📱 (+1) 208-404-9749 | ✉ hey@briangergens.com | 🏠 www.briangergens.com | 🔗 brian-gergens

Skills

Security Engineering	SIEM/XDR deployment & ingest, EDR, vuln scans, risk assessment
On-Premises & Self-Managed	IP, server hardware, authoritative DNS, traditional and overlay VPN, containers, virtualization
Cloud & DevOps	AWS: Route 53, S3, EC2, IAM, SES, CDK and Terraform, Docker, Ansible, a little GCP and Oracle
Security Controls	pfSense/ipfilter, AWS IAM and IC, Active Directory, group policy, endpoint policy, etc.
Linux	Ask me what the best Linux distribution is.
Languages	Python, Shell, Powershell, C++ on microcontrollers, .NET C#, PHP, JavaScript
Communicating	Enabling understanding of technical concepts at many skill levels

Work Experience

Boise State University
Boise, Idaho

LEAD ENGINEER, CYBERDOME, INSTITUTE FOR PERVASIVE CYBERSECURITY
June 2022 - Present

- Deployed and maintained two Stellar Cyber SIEM/XDR, one cloud, one on-prem, all monitoring endpoints and third-party integrations
- Built fully remote-accessible cyber range for students, and expanded it to offer custom cyber ranges for all state schools
- Built a cloud-based vulnerability scanner with isolated overlay VPN network endpoints
- Created a cloud based, HIPAA compliant, secure enclave for research computing, with controlled import and export of data
- Maintained all AWS production systems, with heaviest usage in AWS IAM/IAM IC, EC2, S3 and Route53

College of Southern Idaho
Twin Falls, Idaho

ASSOCIATE PROFESSOR, CYBERSECURITY & PROGRAMMING
August 2012-May 2022

- Created the Cybersecurity & Programming program to expand access to cybersecurity to junior college students
- Created, maintained, and delivered the program's curricula, including all programming, Security+, Pentest+, Linux+, and database content
- Advised students with subject matter & academic questions
- Created a fully isolated production access network for IT courses, remote IT course hosting infrastructure, and Internet accessible cyber range
- Collaborated with other schools on Idaho Cybersecurity Education Initiative, a fully remote curricula-sharing and cyber range network

Emerge Leadership Group
Twin Falls, Idaho

DIRECTOR OF INFORMATION TECHNOLOGY
March 2011-June 2012

- Built infrastructure for a fully cloud-hosted, work-anywhere workforce in 2011.
- Maintained all leadership-learning tools, including custom 360-degree survey tool
- Built new 360-degree survey tool for leadership classes, using Python and open-source survey application
- Maintained custom branch of Moodle CMS
- Supported all other organization tools, including CMS sales tools and cloud file sharing tools for fully-remote workforce

Community Involvement

DEF CON Hacking Convention
Las Vegas, NV

WORKSHOP GOON
DEF CON 25(2017) - Present

- Setup workshops area before convention, maintain area and ensure property is returned to Quartermaster at end of event
- Daily operation: Assisted workshop instructors and convention attendees in acessing ticketed workshops.
- Also assisted the Trainings team, and occasionally, Speaker Ops team
- Unofficial Workshops Team badge builder

SAINTCON Hacking Convention
Provo, UT

COMMUNITIES STAFF / HARDWARE HACKING COMMUNITY
2017 - Present

- Lead the operation of the Hardware Hacking Community, providing electronics learning & hacking for hundreds of attendees
- Pre-convention: activity development, volunteer management, inventory management, point of contact for committee member communication
- During convention: daily operation of community, organizing volunteers, maintaining safety and availabilty of community

Hackfort
Boise, ID

CYBERDOME CAPTURE THE FLAG ORGANIZER
2023-2025

- Created an introductory capture-the-flag event for Cyberdome and Hackfort to introduce people to common security concepts
- Created & assisted interns in creating challenges and setting up CTFd for use during the event
- Operated the game during Hackfort and managed volunteer interns to assist attendees with learning our game
- Ran the event again afterward at other events such as BSides Boise (2024) and Second Star Labs hackerspace (2025)

Credentials and Publications

2022	**Stellar Cyber Certified Analyst**,	Stellar Cyber
2019	**"Building a USB Rubber Ducky for $6"**,	SAINTCON Communities Talk
2016	**"Hacking Keyboards"**,	SAINTCON Communities Talk
2016	**Teaching: Occupational Specialist**,	State of Idaho Department of Education
2016	**Winner, Tamper Evident Contest**,	SAINTCON

Education

Western Governors University   *Salt Lake City, Utah*

B.S. NETWORK DESIGN & MANAGEMENT   *2010*

- Completed degree program and several certifications, including MCITP-EA 08 and Project+