

Tallen Rand

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<https://tallenrand.github.io/>

Education

- **Master of Science, Cybersecurity - Enterprise Information Security**
University of Arizona
2022 - 2023
- **Bachelor of Science, Business - Accounting**
University of Phoenix / Pima Community College
2008 - 2012

Experience

- **Ethical Hacker**
HackerOne
2019 - 2023
 - Kali Linux (virtualization on Windows 11 via VMWare Workstation 17 Player) utilized for security/vulnerability assessments and penetration testing.
 - Utilized Burp Suite and plugins such as Turbo Intruder for proxy intercept and brute forcing.
 - Performed network scanning, traffic analysis, and vulnerability assessments using Metasploit, Nessus, Wireshark, Nmap, Zenmap, SQLMap, YARA rules, OWASP-ZAP, and Nikto.
 - Utilized Hydra, John the Ripper, and Burp Suite for password cracking.
 - Applied XSS techniques with MSFconsole/Metasploit for reverse shell injection and communication to web servers.
 - Performed mobile device vulnerability testing for Android with Burp Suite via Genymotion.
- **Database Support Engineer**
Canary Systems
2019 - 2023
 - Remotely managed PaaS/SaaS MLWeb cloud-based data solutions for multiple mining clients.
 - Configured/maintained MS Server/PostgreSQL/Firebird databases integrated with MLServer.
 - Python scripting/SQL programming for instrumentation calculations and data visualization/analysis.
 - InSAR ground mapping data processed for chart visuals; topography data verified/maintained.
 - Onsite troubleshooting provided for hardware and water-monitoring instrument issues; installed Geokon piezometers and dataloggers, as well as MLGPS and SAA hardware.
 - Enterprise Information Security/RMF/SCADA procedures and policies developed/enforced.
- **5th Grade Teacher**
Sunnyside Unified School District
2015 - 2019
 - Planned lessons according to standards-based curriculum in preparation for the AzMERIT.
 - Taught Math, ELA, and Reading state standards to +100 students.
 - Led after-school Coding Club and coached soccer.