

Tim Fowler

INFORMATION SECURITY · OFFENSIVE SECURITY

☎ 864-979-3102 | ✉ tim@roobixx.com

Work Experience

Mastercard

O'Fallon MO

CYBER RANGE - MANAGER

May 2018 - Present

- Manage all Cyber Range operations and exercises.
- Develop a state of the art environment for Proof of Concept testing.
- Collaborate with industry and cross sector organizations to build, support and execute industry leading training and skill development exercises.

Mastercard

O'Fallon, MO

SENIOR ENGINEER - CONTROLS VALIDATION

Nov. 2016 - May 2018

- Identify, validate and report gaps in active security controls, policies and procedures.
- Develop the operational standard, guidance, and methodology for the Controls Validation team based on the CIS Critical Security Controls
- Partner with application and platform teams to proactively identify new control standards for emerging platforms.
- Served as the lead technology architect for the 2017 and 2018 Cyber Defense Exercises.

Parameter Security

Saint Charles, MO

ETHICAL HACKER

Jun. 2015 - Oct. 2016

- Conduct penetration tests and vulnerability assessments in accordance to client scope for multinational enterprise clientele.
- Perform remote and in-person social engineering against clients to assess the efficacy of their controls, procedures and employee training.
- Consult in IT forensic investigations and incident response for clients, focusing on network traffic analysis.
- Complete Policy audits using different standards such as HIPPA, GLBA, and NIST800

mountainsec, LLC.

Asheville, NC

SENIOR IT SECURITY CONSULTANT

Jun 2014 - May 2015

- Manage penetration test and vulnerability assessment for all customers.
- Conduct remote and in person social engineering for clients to test employee response against various approaches.
- Developed and taught introduction to wireless hacking course.
- Leveraged Open Source technologies to aid in clients gaining insight to their networks.
- Perform policy reviews to identify gaps.

Certifications and Courses

CERTIFICATIONS

- Offensive Security Certified Professional - OSCP - Nov. 2018
- Certified Information Security Systems Professional - CISSP - Aug. 2016
- Offensive Security Wireless Professional - OWSWP - Dec. 2014

COURSES

- SANS SEC542: Web App Penetration Testing and Ethical Hacking - Jan. 2018
- SANS SEC566: Implementing and Auditing the Critical Security Controls - In-Depth - Aug. 2017

Skills

CONCEPTS

- Network Penetration Testing
- Wireless Penetration Testing
- Social Engineering
- Automation
- Server Administrator
- Routing and Switching
- Critical Security Controls
- Risk Assessment

TECHNOLOGIES

- Operating Systems: Ubuntu/Debian - CentOS - Windows - MacOSX
- Virtualization: VMWare - KVM - ProxMox
- Security Tools: Nessus - OpenVAS - Metasploit - nmap - nikto - dirb - Cobalt Strike/Armitage - exploitDB - SecurityOnion
- Automation: Ansible - Packer - AWX - Terraform
- Networking: OpenVPN - Juniper - VyOS - pfSense - Palo Alto

PROGRAMMING LANGUAGE

- Bash
- Python
- YAML
- PowerShell
- HTML/CSS/XML

Community

SPEAKING AND TEACHING

- ShowMeCon
- Hacker Halted
- Bsides Asheville
- Bsides Augusta
- Bsides Huntsville
- Upstate Carolina LUG
- WNCInfoSec
- ColoLUG
- POSSCon
- Southeast Linux Fest
- Hands on Wireless Hacking Course - 2 Days, Charlotte Metro ISSA

MENTORING

- Montreat College CCDC Mentor - 2014 - 2016