

MICHAEL MILKOVICH

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in mmilkovich

Experienced pentesting manager and hands-on operator with a demonstrated history in team management, engagement planning, and fieldwork execution. I currently organize and oversee a team of seven penetration testing professionals, as well as provide hands-on operational assistance. I have experience in managing full scope penetration testing work, from initial proposals through final reports, presentations, and deliverables.

Skills

TECHNICAL

Pentesting
Red Teaming
Networking
Cybersecurity
OSINT
Python
Bash
Windows AD
Linux

NON-TECHNICAL

Social Engineering
Public Speaking
Report Writing
Proposal Assistance
Business Development
Client Interaction
Presenting
Engagement Management
Team Development
Assessment Scoping
Risk Assessment

Education

Rochester Institute of Technology
Computing Security B.S. 2018

Certifications

Offensive Security Certified Professional (OSCP) Dec. 2021 to Current
CompTIA Security+ Apr. 2019 to Current

Employment

Crowe, LLP Remote
Bank Cybersecurity Pentesting Manager Oct. 2021 to Current

- Managed a team of seven pentesting professionals and coordinated concurrent penetration testing assessments
- Facilitated client communications and planning efforts during the full lifecycle of pentesting engagements
- Led client scoping calls and risk assessment activities to contribute technical expertise to client risk evaluations
- Assisted in the advancement of internal programs to facilitate future growth and service offering expansion
- Collaborated with direct reports to identify and create career progression timelines and goals
- Conducted hands-on, full-scope penetration testing services while managing a team of Senior and Junior staff

INGRESSIVE Lorton, VA
Penetration Tester - Technical Lead / Red Team Operator Nov. 2020 to Oct. 2021

- Performed technical lead responsibilities for penetration tests:
- Managed customer communications
 - Organized/executed assessment preparations (scoping, infrastructure setup, etc.)
 - Trained new personnel
 - Supported assessments as a hands-on operator

Offensive Security Engineer Lorton, VA
Feb. 2018 to Nov. 2020

- Performed contracted penetration testing and red teaming services
- Developed documentation and infrastructure to improve internal network capabilities and stability
- Led planning and creation of multi-tiered training environment for security services ranging from penetration testing to compliance implementation

Datto, Inc. Lorton, VA
Security Engineer May 2017 to Aug. 2017

- Assisted in ground up security program creation and internal penetration testing
- Evaluated internal infrastructure, assessed applicable monitoring tools, and developed a plan to improve and maintain security posture at scale.

RIT Security Assessment and Forensic Examination (SAFE) Lab Rochester, NY
Junior Student Analyst Jan. 2017 to Mar. 2017

- Performed contracted penetration testing services
- Contributed to creation of internal documentation of penetration testing procedures

KeyW Corporation Ellicott City, MD
Junior Security Engineer May 2016 to Aug. 2016

- Executed penetration testing, app development, risk assessment, and cyber policy services
- Developed tool to assess compliance with existing cybersecurity standards and frameworks

Awards

Optiv Security · Source Zero/Con CTF - Top 5 June 2021

Collegiate Penetration Testing Competition (CPTC)
2nd Place - 2015, 3rd Place - 2016

Activities

RIT Competitive Cybersecurity Club (RC3) · Alumni Aug. 2015 to Current

- Eboard Member: Treasurer (May 2016 - October 2018)
- Alumni (December 2018 - Current)
- Continued club relations as a sponsor representative for INGRESSIVE, following graduation
- Serve as alumni resource for club members interested in penetration testing and red teaming

RIT Vulnerability Assessment and Penetration Testing (RVAPT) · Co-Founder - Alumni Aug. 2015 to Current

- Developed mock infrastructure and scenarios for students to gain practical experience in penetration testing and red team methodologies
- Currently serving as an alumni resource for interest group members that are interested in penetration testing and red teaming