

Joey Perme

jp@jper.me
United States

<https://jper.me/>
<https://linkedin.com/in/joeyperme>

Professional Experience

Lakefront Strategy

Founder & Principal

August 2024 - Present

- Security & technology consulting & research in a variety of domains.

NetSPI

Senior Security Consultant

October 2024 - Present

- Perform remote & on-site client assessments on a variety of hardware.
- Provide technological consultation and recommendations for a variety of clients and technologies.
- Prepare professional client reports detailing technological capabilities, findings, and remediation.
- Cross-trained into additional service lines to provide additional security services.

Microsoft (Laid off)

Security Engineer

April 2024 - October 2024

- Perform threat model reviews on new cloud government technologies with respect to CIA triad.
- Develop in-house pipeline tools for automated security testing & analysis.

BitSight

Vulnerability Researcher

November 2023 - April 2024

- Performed technical research on exploitation and detection of contemporary n-day vulnerabilities.
- Developed software capabilities for core business product to test vulnerability status of endpoints.
- Authored scripts and software changes to improve research team's productivity.

Amazon

Security Engineer, Offensive Security Penetration Testing

August 2023 - November 2023

- Proactively penetration test web applications serving internal and external customers.
- Tested internal tooling, authN/authZ mechanisms, and public-servicing web applications.

Nuro (Laid off)

Security Engineer (Offensive Security)

November 2021 - May 2023

- Assessed for vulnerabilities in hardware, software, and infra supporting autonomous vehicle fleet.
- Delivered PoCs for novel exploit concepts based off reverse-engineered hardware and software.
- Concisely and clearly communicated impacts to security, safety, and perception of safety.
- Provided and drove expert remediation to cross-org stakeholders prior to major company milestones.

Alarm.Com

Security Engineer

July 2020 - May 2021

- Discovered and remediated IoT vulnerabilities via white/gray/black box pentesting.
- Performed chip desoldering, firmware dumping, custom file unpacking, and reverse engineering.
- Operated IoT devices in an instrumented environment to analyze and assess network traffic.
- Summarized findings in proof-of-concepts and write-ups presented to management stakeholders.
- Participated in on-call rotations and incident response as on-call security point-of-contact.

Education

University of Dayton

Master of Computer Science, 3.833

December 2019

Bachelor of Science, Computer Science, 2.918

May 2016

Personal Interests & Achievements

Outstanding Service to the Department – University of Dayton CPS Dept.

May 2016

Given to the student who goes above and beyond to help the department and the students.