

Joe Gelsomini

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Skills

Technical Proficiencies: Object Oriented Programming in Python and C++, ESXi Server and Virtual Machine Management, Version Control with Git, Requirements Definition/Verification, Vulnerability Investigation

Soft Skills: Cross Functional Collaboration, Verbal and Written Communication, Troubleshooting, Problem Solving, Adaptability, Eagerness to Learn, Task Estimation, Agile Methodologies, Design Control

Work Experience

Werfen, Cybersecurity Engineer - Green Team

April 2021 - Present

Security Patch Installation Scripts (SPIS):

- Owned and maintained the codebase and documentation for a suite of tools that automate patching and system hardening for Windows based Medical Devices in Werfen's portfolio.
- Led successful external evaluation across five New England hospitals with Werfen Field Service Engineers, demonstrating effectiveness and ease of use for the first tool developed in the suite.
- Streamlined the patching process for Windows 7 based instruments from 4 hours of manual work to 90 minutes of automated installations per instrument - a 62.5% reduction in downtime.
- Collaborated cross functionally with Werfen Product Software and Systems Engineering groups, as well as Field Service through all stages of tooling development.
- Redefined Werfen's approach to medical device patching in the field, reducing time required for patch installations, and increasing patching frequency as a result.

Other Duties:

- Automation of vulnerability scanning processes via Nessus API scripting.
- Validation testing of Cybersecurity implementations for Medical Device software.
- Participated in STIG compliance auditing for Werfen system submitted to US DoD.
- Customer Complaint investigation for Medical Device vulnerabilities.

Education

Bachelor of Science in Computer Science with Math minor
University of Massachusetts Lowell, Kennedy College of Sciences

May 2020
Lowell, MA