ZACHARY ROHRBACH

Cyber Security Engineer

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EXPERIENCE

Senior DevSecOps Engineer
NetNumber

📅 05/2020 – Ongoing   📍 Lowell, MA

- Developing a security testing environment, from the ground up.
- Gathered a understanding of the development environment, product stack, code base, and identified where security needs to be put in place.
- Wrote up list of requirements for SCA and SAST products.
- Vetted DevSecOps vendors, did a PoC of products in comparison to requirements.
- Implementing DevSecOps products into CI/CD environment.
- Managing vulnerabilities found within code base, working with developers to fix vulnerabilities / mitigate future vulnerabilities.

IoT Cyber Security Engineer
Schneider Electric

📅 05/2018 – 05/2020   📍 Andover, MA

- Worked within CI/CD pipeline, to assist in securing a constant delivery of cloud software to managed environments.
- Managed the cyber security process for the development teams. This involved completing penetration tests, working on threat models with the developers / architects, and completing required SDL documentation.
- Worked directly with the development teams to help with DevOps work, and integrating security into the development process.
- Created a security CI/CD pipeline. This pipeline deployed Azure infrastructure, deployed several projects, ran automated security testing / auditing, and tore everything down. This pipeline worked as a cyber security regression testing suite.

Information Security Consultant
GraVoc Associates

📅 05/2017 – 05/2018   📍 Peabody, MA

- Independently completed penetration testing, vulnerability assessments, social engineering engagements, and risk assessments. Social engineering engagements involved crafting tailored exploits based on the client's infrastructure.

Cyber Security Intern
Schneider Electric

📅 01/2014 – 08/2016   📍 Foxborough, MA

- Responsibilities ranged from embedded software development, python scripting for automation of development tasks, and also building a virtualized cyber security lab to conduct assessments.

STRENGTHS

Eye For Detail · Pentesting · CI/CD · DevOps · DevSecOps · Docker · SDL · Programming · Security Automation · Scripting · Threat Modeling · IoT · Azure / Azure DevOps · ISO27001 · Linux Administration · Code Review · SAST / SCA / DAST · Jenkins

Python · PowerShell · Bash · C++ · C# · NodeJS · Java (Android)

SECURITY TOOLS

BurpSuite · Nessus · nmap · hashcat · Airmon Suite · Exploit Frameworks · Metasploit · Enumeration Tools

ACHIEVEMENTS

🏆 🔗 **hackthebox.eu**
Achieved the rank of "Pro Hacker"

🏆 **Eagle Scout**
Boy Scouts of America
(05/2005 – 06/2013)

MY INTERESTS

Fitness · Health · Nutrition · Tinkering · Home Automation · 3D Printing

EDUCATION

B.S. – Computer Science
Endicott College

📅 August 2013 – May 2020

🔗 Thesis: Prospero
CCTV replication & notification system, build with automation, Docker, NodeJS, and Microsoft Azure Cloud resources.

Study Abroad
Bond University

📅 January 2016 – April 2016