

ZACHARY ROHRBACH

Security Engineer

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📍 Cambridge, MA

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EXPERIENCE

Cloud Security Engineer II

🔗 Quickbase

📅 05/2020 – Ongoing

📍 Cambridge, MA

- Creating / maintaining security → development vulnerability management program.
- Building SAST / SCA / DAST / IaS / testing within our CI / CD processes.
- Shifting left our security testing.
- Engineering and monitoring cloud colo infrastructure security.
- Working with Product Development to further secure our platform through feature releases code refactoring / re-architecture.
- Monitoring centralized logging server for security events.
- Building developer security training program.

Senior DevSecOps Engineer

🔗 NetNumber

📅 05/2020 – 09/2020

📍 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 security testing & auditing, finally tearing everything down. This pipeline worked as a cyber security regression testing suite.

STRENGTHS

Eye For Detail CI/CD DevOps
DevSecOps Docker Pentesting
Security Tooling / Automation Scripting
Threat Modeling IoT Programming
Azure / Azure DevOps AWS SDL
Linux Administration Code Review
SAST / SCA / DAST ISO27001
Security Operations Jenkins ShiftLeft
Vulnerability Program Management

Python PowerShell Bash C++
C# NodeJS Java

SECURITY TOOLS

BurpSuite Nessus nmap hashcat
Airon Suite Exploit Frameworks
Metasploit Enumeration Tools
GitHub Advanced Security Twistlock
Snyk WhiteSource Veracode

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

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.
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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.

EDUCATION

B.S. – Computer Science

Endicott College

 August 2013 – Ongoing

 Thesis: Prospero

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

Study Abroad

Bond University

 January 2016 – April 2016