

# ZACHARY ROHRBACH

## Cyber Security Engineer

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## EXPERIENCE

### IoT Cyber Security Engineer

🔗 **Schneider Electric**

📅 05/2018 – Ongoing

📍 Andover, MA

- Work within CI/CD pipeline, to assist in securing a constant delivery of cloud software to managed environments.
- Manage the cyber security process for the development teams. This involves completing penetration tests, working on threat models with the developers / architects, and completing required SDL documentation.
- Work 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 deploys Azure infrastructure, deploys several projects, runs automated security testing / auditing, and tears everything down. This pipeline works as a cyber security regression testing suite.

### Cyber Security Consultant

🔗 **Steel Root**

📅 04/2015 – 04/2020

📍 Salem, MA

- Secure and administer Steel Root's sensitive business applications.

### 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.

### Information Security Intern

🔗 **GraVoc Associates**

📅 08/2016 – 01/2017

📍 Peabody, MA

- Assisted in penetration testing, vulnerability assessments, social engineering engagements, and risk assessments.

### 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  
IoT Threat Modeling 3D Printing  
Azure ISO27001 Scripting  
Linux Administration Code Review  
Static Code Analysis Automation

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

## SECURITY TOOLS

BurpSuite Nessus nmap hashcat  
Airon 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