Carl Lee Irby Jr.

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📍 神奈川県横浜市

🚩 米国

📅 28th February 1997

in /carl-lee-irby-jr

➤ cirby28.github.io

LANGUAGES

English ● ● ● ● ●

日本語 ● ● ● ● ○
日本語能力試験２級

CERTIFICATES

- Google Cybersecurity Certificate
- 運転免許証
- Comptia Sec+ :Expected Completion date: 2023/11

PERSONAL SKILLS

Adapatable ● ● ● ● ○

Self Motivated ● ● ● ● ○

Comunication ● ● ● ● ○

Teamwork ● ● ● ● ○

優しい英語 ● ● ● ● ○

INDUSTRY TRAINING

Google Cybersercurity Certificate
Learn With Google
July 2023
An in depth course aimed at creating new cyber security professionals to meet the current lack of skilled professionals across the world. In the course, I gained experience in following areas:
- Python
- Network Management
- Network Security
- Assets, Threats, and Vulnerabilities
- Risk Management Frameworks (RMFs)
- Incident Detection and Response

SOC Core Skills
Black Hills Information Security (BHIS): Anytisyphon Training
September 2023
A lab based class where I gained hands on introductory experience with several SOC analyst tools such as the following:
- Velociraptor
- DeepBlueCLI
- Memory Forensics and Analysis
- Zeek
- RITA

PROJECTS

Malware Deployment, Analysis, and Detection
Working in VM Workstation Pro, I set up a Windows VM and a Linux VM. Then, using the Linux VM, created malware and deployed it on the Windows machine.
- Disabled Windows Defender on the Windows system and downloaded a payload created with Sliver C2 from the Linux machine.
- Using LimaCharlie EDR, analyzed logs on the Windows machine and wrote custom detection rules to generate alerts anytime this program was executed.

Wireshark PCAP Analysis and Suspicious Network Traffic Detection
Analyzed existing PCAP files from malware-traffic-analysis.net and detected malicious network traffic.
- Created filters on Wireshark to search for suspicious network traffic.
- Identified the IP address of the compromised site.
- Identified the MAC address of the affected machine.
- Submitted the PCAP to VirusTotal and found out what alerts have been submitted for it.

Personal Website 🔗
Created a personal website in Visual Studio Code using the following markup and programing languages:
- CSS
- JavaScript
- HTML

Python ● ● ○ ○ ○ ○

Microsoft Command Line ● ● ○ ○ ○ ○

Linux Command Line ● ● ○ ○ ○ ○

TCP Dump ● ● ○ ○ ○ ○

Wire Shark ● ● ○ ○ ○ ○

SQL ● ○ ○ ○ ○ ○

Security Frameworks and Controls ● ● ○ ○ ○ ○

Log Analysis ● ○ ○ ○ ○ ○

DeepBlueCLI ● ○ ○ ○ ○ ○

RMFs ● ● ○ ○ ○ ○
NIST, etc...

INTERESTS

- History
- Reading
- Writing
- Skateboarding

SIEM Set Up
Microsoft Azure
Performed the following tasks in Azure Sentinel (SIEM):
- Used custom PowerShell script to extract metadata from Windows Even Viewer to be forwarded to a third party API in order to derive and record geolocation data.
- Configured Log Analytics Workspace with the intent of mapping geo data in Azure Sentinel.
- Configured Custom Fields in Log Analytics Workspace to ingest custom logs containing information like latitude, longitude, state/province, and country.
- Configured Azure Sentinel (Microsoft's Cloud SIEM) workbook to display global attack data (RDP brute force) on a world map according to physical location and number of attacks.

PROFESSIONAL EXPERIENCE

Teacher
英塾 Red Gate Reading Academy
December 2021 – present
〒113-0033 東京都文京区本郷５丁目２７−８ 赤門前岩田ビル
- Working with a team of 6 to manage 32 classes with a combined total of 140 students.
- Created three English workbooks for the custom reading and writing course provided, organized the online file system, and standardized the file naming system.

Assistant Language Teacher
十日町教育センター
July 2019 – December 2021
〒948-0144 新潟県十日町市水口沢１２
- Introduced and managed a phonics program focused on teaching children from elementary school 3rd to 6th grader how to read at 5 schools.

Assistant Athletic Trainer
The University of Arizona Athletics
January 2017 – May 2019
McKale Center, 1 National Championship Drive, P.O. Box 210096, Tucson, AZ 85721-0096, 米国
- Assisted a team of 6 Athletic Trainers in creating, implementing, and monitoring rehab programs for over 200 student athletes.
- Successfully assisted an athlete in her preparation for her 2nd knee surgery and led her rehabilitation after surgery. After 1 year, a 17 cm difference in the circumference of her left and right quadricep was reduced to a difference of only 5 cm and unrestricted play of her sport was resumed.

Supervisor
Freddy's Frozen Custard and Steak Burgers
July 2013 – July 2015
24433 Interstate 10 Frontage Rd #100, Katy, TX 77494, 米国
- Managing store operations and scheduling for 35 employees.
- Lead a marketing campaign targeted at a local high school that resulted in sales of over $10,000 USD, the highest at the time.

EDUCATION

East Asian Studies: Japan Focus
The University of Arizona
May 2019 | Tucson, Arizona, 米国
Thesis: "The Relationship Between African American and Japanese Culture from the Meiji Revolution to the Modern Day" which received an award for most unique and innovative research on the cultural relationship between Japan and America.