Christopher Makarem

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Engineering undergrad with 2+ years of experience in network and systems infrastructure with strong focus on security seeking an opportunity to solve complex and interesting problems in the field of cyber security.

EDUCATION

University of California, Los Angeles

Henry Samueli School of Engineering   GPA: 3.02
Bachelor of Science, Electrical Engineering   Expected Graduation: March 2019
Honors: ALD & PES National Honors Society, CEED

RELEVANT COURSEWORK

Completed: Computer Organization; Discrete Structures; Logic Design of Digital Systems; Physics of Electrical Engineering; Computer System Algorithms; Network Communication Layers; Digital Signal Processing

EXPERIENCE

Security Analyst (SAII – SAIII)   Santa Monica, CA
The DigiTrust Group   October 2017 – Present

- Identified and classified key threats to client's network environments through log collection and aggregation.
    - Created PowerShell scripts to compile and standardize different log formats
    - Performed extensive DFIR research on network traffic patterns and user behavior
- Crafted information visuals in Elastic's Kibana to improve DFIR research and Health Check reports
- Worked with Internal Development and Management Team to deploy ADFS to secure cross-domain identities and integrated service with existing threat detection logic.
    - Wrote custom claims and authorization rules to harden federation environment
- Wrote JavaScript functions to automate event handling for Security Analysts, reducing click volume and increasing productivity and turnaround time on event processing.

Help Desk Technician   Century City, CA
The Broad Foundation/Family Office Financial Services   October 2016 – September 2017

- Created custom PowerShell GUI tool for automatic user provisioning and migration.
- Diagnosed and maintained SIP phone issues using packet inspection tools
    - Restructured VLAN and DMZ topology to allow to more secure access
- Deployed ADFS to facilitate MFA for end users, while ensuring in office security by restricting access to publicly accessible terminals such as conference rooms and phone booths.
- Created custom SharePoint search page and URI handler to provide a more refined search for our SharePoint sites that allowed for improvements to refinement and specificity.

Systems Administration Intern   Los Angeles, CA
American Computers and Engineers   June 2014 – September 2014; June 2015 – September 2015

- Developed Active Directory Environment for Windows based systems
    - Hardened environment against standard attack vectors: Pass the hash, SMB exploits, DNS poisoning, privilege escalation via poor user access and segregation
- Deployed remote access and administration through DirectAccess and RADIUS server

ACHIEVEMENTS

- Qualcomm DECA, 2016
- Qualcomm Q-Hacks Best Overall, 2016

SKILLS

Languages: Java, C++, JavaScript, PERL (limited)

Scripting: Python, PowerShell, Bash

Principles: DHCP, IPv6, 6to4 tunneling, DNSSEC, Virtual networking, VPN (all types)

Tools: Wireshark, Logstash, Fiddler, NXLog, Regular Expressions

Environments: Active Directory (MAC and Windows)

L**Services:** ADFS, ADCS, WDS, S4B, SSL VPN SharePoint, Exchange, Cisco CME