

Iirai Costner

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Career Summary

A self-motivated and results-driven cybersecurity enthusiast with a passion for securing digital landscapes and optimizing operational efficiency. My journey in the field of cybersecurity has been characterized by a relentless pursuit of knowledge and hands-on experience.

My skill set extends beyond technical expertise, encompassing a wide range of soft skills such as time management, attention to detail, adaptability, project management, teamwork, creativity, and strong communication.

Education

Cybersecurity Analyst Certificate <i>San Diego College of Continuing Education, CA</i>	<i>June 2023</i>
Bachelors degree: Business Administration-Information Systems <i>San Diego State University, CA</i>	<i>May 2004</i>
Associates degree: Computer Information Systems-Internet/Web <i>Southwestern College, CA</i>	<i>May 2002</i>

Certifications/ Accomplishments

CompTIA CySA+	<i>September 2023</i>
WiCyS Security Training Scholarship – Tier 1 & Tier 2	<i>August/September 2023</i>
Google Cybersecurity	<i>July 2023</i>
NCL SoCal Cyber Cup – Qualifier and Final Round	<i>May 2023</i>
Antisyphon – SOC Core Skills	<i>March 2023</i>
(ISC)² CC (Certified in Cybersecurity)	<i>December 2022</i>
CompTIA CASP+	<i>In progress</i>

Experience

Cybersecurity Analyst <i>Digital Mustard Seed – San Diego, CA</i>	<i>Aug 2019 – current</i>
<ul style="list-style-type: none">▪ <u>System Hardening:</u><ul style="list-style-type: none">○ Install antivirus solutions for all system platforms○ Create security baselines using Microsoft Policy Analyzer, and make changes via GPO○ Consult with clients, and schedule internal and external pen testing▪ <u>SIEM:</u><ul style="list-style-type: none">○ Install and implement SIEM cloud or on-prem product for clients○ Configure host with SIEM agents on both Windows and Linux systems○ Monitor systems and network for threats, critical updates, and technical issues▪ <u>Vulnerability Management:</u><ul style="list-style-type: none">○ Install/configure Nessus Essentials to perform credentialed vulnerability scans against Windows 10 Hosts	

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- Implement Vulnerability Management Function on Virtual Machines: Discover, Prioritize, Assess, Report, Remediate, Verify
 - Conduct vulnerability assessments with Nessus; prioritized and remediated vulnerabilities
 - Manage vulnerability scan findings and schedule patches to apply
 - Security Analysis/Content Creation:
 - Perform malware analysis on any malicious software found on systems
 - Responsible for threat hunting and incident handling
 - Use custom PowerShell script to extract metadata from Windows Event Viewer to be forwarded to third party API in order to derive geolocation data
 - Configure Log Analytics Workspace in Azure to ingest custom logs containing geographic information (latitude, longitude, state/province, and country)
 - Configure custom fields in Log Analytics Workspace with the intent of mapping geo data in Azure Sentinel
 - Configure Azure Sentinel (Microsoft's cloud SIEM) workbook to display global attack data (RDP brute force) on world map according to physical location and magnitude of attacks.
 - Firewall Policy Management:
 - Allow/deny traffic for specific users using NGFW (Palo Alto)
 - Monitor and analyze firewall traffic for troubleshooting rules
 - Create, delete, modify firewall objects to maintain organizational standards

Student

Feb 2023-Jun 2023

San Diego College of Continuing Education, San Diego, CA

First student player in club to complete all challenges in NCL CyberSkyline Gym

- Install virtual machines through VMWare
- Perform Vulnerability scans using Nessus, OpenVAS, netstat, nmap
- Web application scanning using Nikto and ZAP
- Implement host-hardening techniques: group policy configuration, closing unused ports, patch installation, and host scans through Windows Defender
- Analyze network packets using tcpdump and Wireshark
- ACLs and IPTables to create/implement firewall rules
- Work with log data through syslog and Windows Event Viewer
- Memory and Digital Forensics Analysis
- Extract data from a compromised machine
- Bash scripting and Log Analysis
- Password cracking with Hashcat
- Active Directory
- Familiarity with SIEM – Splunk
- Frameworks: NIST, CIA triad, MITRE ATT&CK
- Exposure to system audits, ACAS, SCAP, POA&Ms, JSIG, RMF

Student Player

Mar 2023 – May 2023

San Diego College of Continuing Education – Cyber Club, San Diego, CA

- First student player in club to complete all challenges in NCL CyberSkyline Gym
- Familiarity with Windows 10/11, Kali Linux, CLI
- Open-Source Intelligence: Metadata, Threat Intel, HTTP headers, SSL, Barcode
- Password Cracking: Rockyou/custom wordlists, hashcat, ophcrack

- Enumeration/Exploitation: Python, SQL, HTML/CSS, compiled binaries
- Forensics: Git, Binwalk
- Scanning: Nmap, dirbuster
- Cryptography: Hex, ROT13, Atbash, Morse code, Railfence, Vigenere, strings, Digital Invisible Ink Kit
- Network Traffic Analysis: DNS, FTP, HTTP, Telnet
- Log Analysis: SSH, nginx, Firefox SQLite History DB, Squid proxy
- Web Application Exploitation: HTTPS Security Audit
- Wireless Access Exploitation: aircrack-ng

Cybersecurity Analyst/IT Specialist
Café Indonesia – National City, CA

Oct 2020 – Feb 2023

- Install network equipment, cabling, and POS systems
- Configure firewall for network segmentation and threat detection/prevention
- Monitor network and systems for security alerts and technical issues
- Ensure all devices and software are up-to-date and patched
- Troubleshoot network and POS issues as they occur
- Provide technical support for system users
- Implemented SIEM for easy monitoring and alerting
- Set up VPN server for remote troubleshooting

Senior Project Coordinator
ServiceLink – Pittsburgh, PA (remote)

May 2004 – Sept 2022

- Demonstrate exceptional project management skills by executing daily, weekly, and monthly tasks autonomously and within prescribed timelines.
- Effectively prioritize and complete high-priority tasks in a dynamic and fast-paced environment.
- Collaborate closely with Quality Control, management, VP, and Assistant to VP to ensure timely completion of orders, maintaining constant communication with department appraisers.
- Handle highly sensitive client and appraiser information in strict compliance with company regulations and security protocols. Strong customer-service orientation.
- Display a rapid learning curve and adaptability, quickly mastering multiple applications within proprietary software.
- Familiar with Microsoft products for reports. All Office 365 apps, Forms, Sway. Worked heavily in MS Excel and MS PowerQuery.

Volunteer Work

Project Manager/Ministry Leader
The Jesus Geeks INC, San Diego, CA

Jun 2008 – June 2016

- Revamp and maintained the volunteer and community database to streamline information management
- Recruit and train 50+ volunteers each quarter
- Foster a supportive environment by closely collaborating with the CEO, offering motivation and guidance to volunteers on a weekly basis.
- Collaborate with leaders from other organizations to deliver computer services at notable events like the annual Boots Off! Event (military families), Bridge of Hope (refugees), and Share the Dress (underprivileged teens).
- Set up Internet Security and Microsoft Office classes for local community

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- Host weekly Computer Repair events across 4 different locations
 - Manage the collection, refurbishment, and donations of computers to organization like the Wounded Warriors, Kate Sessions Elementary School, Bridge of Hope, University of San Diego.

Soft Skills

- Time management
- Task prioritization
- Attention to detail
- Adaptability
- Creative/Analytical thinking
- Customer service
- Office Administration
- Efficiency/Automation mindset
- Teamwork/Collaboration/Loyalty
- Project Management
- Highly motivated
- Strong work ethic
- Self-starter
- Strong written and verbal communication