Charlie Melidosian

321 Courtland Ave
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(847) 892-6074
Charlie@MelidosianJr.com

Cyber security and systems professional proficient in developing and executing strategic plans to reduce risk, create automation and increase reliability. Experience includes remote and in-person server support, and security analysis, operations, engineering, and architecture experience. Primary skills include: Cyber security configuration / penetration testing and daily operations of a Security Operations Center (SOC). Additional skills include web and backend application development, networking, and VoIP telephony.

EMPLOYMENT HISTORY

Depi Hayk Foundation | *Cyber Security Consultant 4/2023–Present*
Analyze, plan, design, build, and test security solutions and capabilities for business and government clients.

Sample Client Engagments:

Popok Animation Studio – Authored enterprise security architecture plan to obtain Trusted Partner Network (TPN) certification from the motion picture industry. Implemented a wide range of hardened software and hardware solutions to reduce risk, increase business continuity and drive business scalability. Trained client security staff to maintain implemented solutions.

PADC LLC – Performed a corporate security risk assessment to identify key security vulnerabilities and provide actionable recommendations to support compliance with security standards and best practices.

Gyumri Technology Center – Served as Cyber Security instructor to educate technology professionals on the latest trends in attack vectors and best practices in vulnerability management.

PDT Partners | *Associate Cyber Security Engineer 4/2022–3/2023*
Provided 360-degree enterprise server and workstation support services including centralized log collection and real-time alerting (Splunk). Perform dedicated daily research into threat intelligence and publish consolidated news about rapidly evolving Advanced Persistent Threats, malware, exploits, and 'Tools, Techniques and Procedures' on a weekly basis. Facilitate operational duties of the team including operational scripting, maintenance of API interfaces with cloud and SaaS providers, purple and blue team exercises such as password policy verification and hash cracking, workstation security controls and exploit testing, and software patch cycle management.

Percipia | *System Support Specialist 10/2021–4/2022*
Provided Windows and Linux server support services including traffic analysis, port management, application updates and general system trouble-shooting for a VoIP application service provider serving domestic and international hospitality clients.

Elite Ambulance | *Emergency Medical Technician 12/2019–7/2021*
Served as a licensed EMT caring for and transporting patients via ambulance.

CERTIFICATIONS

CompTIA Security+

Evolve Cyber Security Certified Professional (ESCP)

TECHNICAL SKILLS

- Threat Intelligence
- Vulnerability Management
- Intrusion Detection & Prevention
  - Splunk/ELK
  - CrowdStrike
- Networking
  - Network Design
  - VLAN Based Segmentation
  - Configuring Switches
  - Cabling & Termination
- Linux/Windows Hardening
- AWS Cloud Computing
- MITRE ATT&CK Framework
- CIS Controls
- Log Management & Analysis
- Palo Alto Firewalls
- Nessus Scanner
- Wireshark Traffic Analysis
- Physical Security
- Social Engineering
- Phishing Campaigns
- Programming Skills: Python, Java, PHP & RegEx
- Database Skills: MySQL

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DNG Solutions, UK | *Senior Software Developer*   *5/2016–1/2020*
Contract consultant leading software development for an international server hosting company. Responsibilities included developing billing system, self-service support tool, and service desk ticketing application.

TECHNOLOGY PROJECT EXPERIENCE

Security Program Architect | *Chief Cyber Security Architect*
Analyzed, planed, designed, and built security program from the ground up to comply with industry compliance framework (TPN). Tasks included overhauling network topology and segmentation, firewalls, zero-trust remote access, endpoint and server hardening, patch management, and real-time alerting. Coordinated with software and service vendors. Designed security controls, specified server and hardware device requirements, and oversaw the setup of managed switches, routers, firewalls, VPN's, and endpoints.

Emergency Room Access Mobile App | *Mobile Application Developer*
Created mobile app to empower Emergency Medical Services (EMS) care providers with the latest information about hospital care levels, direct-line phone numbers, and private Emergency Room hospital entrance access codes.

Metra Ticket Emulator | *Web and Mobile Application Developer*
Led hackathon project to analyze and test security features of digital train tickets. Project included use of network capture tools (proxy server) to reverse engineer Metra (Chicago-area commuter rail system) digital authenticity markers within HTTPS. Team project recorded authentic app interface and recreated each asset. Team then created Android app to present emulated Metra ticket.

South Schedule | *Web Developer*
Created a time management web platorm for education industry to facilitate students transitioning to a "block schedule." Served as the sole developer who conceived, researched, planned, developed, launched and maintained responsive mobile website used by ~ 3,000 students, teachers, and administrators. Developed a Chrome Extension offering users a convenient browser interface to manage times and schedules.

AMANDA AI | *Web and Application Developer*
Initially developed as a 24-hour hackathon submission, this AI (artificial intelligence) application provided chatbot automated responses based on keyword recognition. Originally written in JavaScript, AMANDA (Automated Mainframe and Networked Database Administration) AI generated responses from a dataset. Later refactored software as AMANDA AI in PHP and MYSQL and sold tool to a for-profit corporation to support their web-based self-service interface.

SOFT SKILLS

- Strong Verbal Communication Skills and Personal Presence
- Creative Problem Solver
- Customer Service Oriented
- Quick Learner
- Works Well Under Pressure

EDUCATION

Evolve Cyber Security Bootcamp
April 2022

EMT Medical Training
December 2019

Maine South High School
May 2019