CLARK KATSOULEAS

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EDUCATION

Purdue University, Polytechnic Institute   **West Lafayette, IN**
Bachelor of Science, Cybersecurity, Network Engineering Technology   *May 2025*
Coursework:

- Network Security & Service Administration, worked to design and implement secure network architecture solutions using RADIUS, certificate services, and device hardening techniques around a basis of service provider topologies including VRFs, DMVPNs, and Private VLANs
- Internetwork Routing & Switching, set up enterprise network deployments using standardized routing protocols with IPv4 and IPv6
- Advanced Network Security, worked with docker-compose and scapy code to perform network security attacks and mitigation techniques
- Network & Systems Administration, set up a virtualized enterprise environment using Active Directory Domain Services and common DMZ services including DNS, SMTP, Web, and NTP
- Wireless Networking, set up authentication solutions for wireless access in a mock-enterprise environment

PROFESSIONAL EXPERIENCE

Crowe LLP   Chicago, IL
Digital Security Consulting Intern   *Jun 2024 – Aug 2024*

- Deployed a SecurityOnion server for purple team exercises and training sessions within the digital security office
- Communicated directly with clients to actively access their security and business needs with a growing IT environment
- Conducted network and cybersecurity audits for client companies to strengthen and secure their IT architecture, and harden network devices
- Collaborated with internal teams and management to enhance project productivity and efficiency in digital security operations

City of El Segundo   El Segundo, CA
IT Intern   *May 2023 – Aug 2023*

- Processed and completed over 100 tickets working in an Active Directory infrastructure as a member of an eight-person IT team aimed at improving productivity
- Managed, imaged, fixed, & deployed over 20 devices for end users
- Worked collaboratively with department heads to accurately update all personnel and phone records within Active Directory
- Communicated with internal teams, end users, and vendors to troubleshoot and fix employees' issues

ADDITIONAL INVOLVEMENT

Teaching Assistant for Network Engineering Fundamentals   *Jan 2024 – Present*

- Grade students' assignments and proctor examinations to reduce professor's administrative tasks
- Work with 8 other TAs to teach course labs and to help students learn network concepts and implement them

Teaching Assistant for Cybersecurity Fundamentals I   *Aug 2023 – Dec 2023*

- Graded students' lab assignments and coordinated lab tasks and to help students learn course objectives

COURSES AND CERTIFICATIONS

- CompTIA Secure Infrastructure Specialist (A+, Network+, Security+)   *Jun 2023 – Aug 2026*
- Google Cybersecurity Certificate   *July 2023*
- FortiNet Certified Associate – Cybersecurity   *Mar 2024 – Mar 2027*
- CWNP Certified Wireless Network Administrator   *Jun 2024 – Jun 2027*
- Cisco Certified Network Associate   *Jun 2024 – Jun 2030*
- Implementing and Operating Cisco Security Core Technologies | SCOR   *Dec 2024*

RELEVANT SKILLS

- Cisco Security Suite, Cisco Systems, VMware Suite, Active Directory, Advanced Wireshark, Network Security Architecture, Network Design, Network Security Monitoring, Network Service Administration, Network Device Hardening, Cisco IOS, JunosOS, FortiOS, Dell Network OS, Multi-architecture VPNs, Firewall Deployments

PROJECTS AND COMPETITIONS

- **Placed top 2% in National Cyber League CTF Competition** *Apr 2022 – Apr 2024*
  - I collaborated with my team in NCL, focusing on Network Traffic Analysis and Cryptography. I analyzed network packets and deciphered ciphertext to earn points and support team success.
- **Enterprise Network Security Homelab** *Aug 2024 – Nov 2024*
  - I set up a small-sized enterprise network within my apartment. The goal of this project was to highlight securing network architecture including secure segmentation, device management, and client connectivity.
  - Devices within this homelab consist of a FortiGate FG-40F, Cisco 1921 Router, Cisco Catalyst 3750-X switch, two Dell OptiPlex 5070 servers, and an HPE ProLiant DL360 Gen9.
- **Hartland Business Systems Networking Design Competition 1st Place Winner** *Feb 2023 & Mar 2024*
  - Working in a two-person team, my peer and I implemented a Cisco-designed network topology across infrastructure systems as a part of Purdue's Computing Challenge Day. This competition was won twice, once with Survat Joshi and once with Kerry Xiao.
- **Built EVE-NG Virtualized Home Labs from Scratch** *Sept 2023 – Dec 2023*
  - I set up a platform to virtualize network environments using Cisco, FortiNet, Linux, and Microsoft devices. This was done to test collaborative devices in a multi-faceted architecture and to test network deployments before deploying them in a production setting.
- **Purdue Grand Prix Wireless Networking Project** *Apr 2024*
  - I worked in a team of students to design and deploy a wireless network on the Purdue Grand Prix racetrack. The deployed network consisted of a wireless mesh peering with an Ubiquiti wireless LAN bridge, and Cisco lightweight autonomous APs.
- **Purdue KNOY Data Center Redesign Project** *Aug 2024 – Nov 2024*
  - I worked in a team of students to completely redesign the networking datacenter within the KNOY Hall of Technology. This multi-month project included laying cable runs from the lab room to the datacenter, setting up networking racks, punching cables for patch panels and keystones, and racking and stacking networking equipment for use in lab classes.
- **California Cyber Innovation Challenge 1st Place Winner** *Oct 2020*