

Yap Kang

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EDUCATION

Diploma in Cybersecurity and Digital Forensics, Temasek Polytechnic

Apr 2024 - Present

Completed relevant modules in:

- Network Security
- Enterprise Networking
- Ethical Hacking and Intrusion Prevention
- Forensics in Digital Security
- IT Security Management and Audit
- Incident Response and Management

GCE 'O' Levels, Bedok South Secondary School

Jan 2020 – Dec 2023

- Achieved distinctions in Mathematics and Humanities (Social Studies, History)

SKILLS AND PROJECTS

Network Infrastructure and Network Security

Tools: Cisco Packet Tracer

- Configured and secured 5 network project topologies using Packet Tracer with RIP, NAT, OSPF, VPN, SSH, DNS and mail services.

Digital Forensics

Tools: Autopsy, FTK

- Utilized FTK and Autopsy to recover deleted files and data from a forensic disk image.

Vulnerability Assessments and Penetration Testing

Tools: Metasploit, Kali Linux, Burp Suite, OWASP Zap

- Performed penetration testing using Metasploit for an Ethical Hacking project; documented vulnerabilities found using MITRE ATT&CK framework and suggested remediation strategies.

Incident Investigation and Response

Tools: Wazuh, Kali Linux, Wireshark

- Analyzed 10+ PCAP files using Wireshark to identify malicious traffic; documented findings to the MITRE ATT&CK framework.
- Contributed to an Incident Response playbook by researching data exfiltration techniques, including long-term remediation strategies and security controls.

IT Auditing

Tools: CIS Benchmarks

- Audited a Virtual Machine according to CIS benchmarks.
- Contributed to a HIPAA auditing playbook by researching into the impacts of Artificial Intelligence.

Programming and Scripting

Tools: HTML, CSS, Python

- Designed an administrative interface for managing vending machine items.

Soft Skills

- Demonstrated strong problem-solving skills to resolve routing and NAT issues across 3 network projects.
- Effectively applied analytical skills to identify critical pieces of evidence and produced event timelines for a digital forensics project.
- Demonstrated adaptability in learning new tools and programs across different modules.
- Strong people skills developed as a CCA Leader responsible for 20 cadets.

WORK EXPERIENCE

Retailer, NTUC FairPrice KOMO Shoppes

Jan 2024

- Replenished 10 product categories across 7-hour shifts and reduced out-of-stock incidents to near zero.
- Resolved the enquiries of roughly 5 customers per shift and helped maintain the branch's high customer satisfaction rate.

AWARDS AND ACHIEVEMENTS

Edusave Merit Bursary/Edusave Certificate of Academic Achievement, Temasek Polytechnic

2025

- Top 25% within institution's level and course in terms of academic performance.

Edusave Award for Achievement, Good Leadership and Service, Bedok South Secondary School

2023

- Up to 15% of students demonstrate strong leadership, community service, and excellence in non-academic activities.

CO-CURRICULAR ACTIVITIES

Staff Sergeant, National Cadet Corps, Bedok South Secondary School

2020-2023

- Led and mentored 20 cadets in their drills and discipline for two weekly 2-hour training sessions.
- Attained "Outstanding" in Unit Recognition Award.
- Attained "Gold CCA Plaque" Award by the school for CCA contributions.

REFERENCES

- Available upon request.