

# Yap Kang

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## EDUCATION

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<b>Diploma in Cybersecurity and Digital Forensics, Temasek Polytechnic</b>	<b>Apr 2024 - Present</b>
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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

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<b>GCE 'O' Levels, Bedok South Secondary School</b>	<b>Jan 2020 – Dec 2023</b>
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- Achieved distinctions in Mathematics and Humanities (Social Studies, History)

## SKILLS AND PROJECTS

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### **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**

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### **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**

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### **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**

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### **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**

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- Available upon request.