

# Cheok Ze He

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## PROFESSIONAL SUMMARY

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Computer Science (Cyber Security) graduate with strong academic performance and certified expertise in cybersecurity. Recently achieved the TryHackMe Security Analyst Level 1 (SAL1) professional certificate and CompTIA Security+, demonstrating hands-on proficiency in SOC operations, threat analysis, and incident response. Currently pursuing the (ISC)<sup>2</sup> Systems Security Certified Practitioner (SSCP) certification to further strengthen technical and operational security competencies.

Practical experience includes security operations, SIEM monitoring (Splunk), log and network analysis, and incident triage, developed through structured labs, certifications, and real-world simulations (TryHackMe, Google Cybersecurity Certificate). Additional background in full-stack development supports a well-rounded technical foundation.

Passionate about roles in SOC operations, threat analysis, and investigative cybersecurity. Recognised for adaptability, leadership, and a commitment to continuous learning. Actively seeking opportunities as a Cybersecurity Analyst, SOC Analyst, or Threat Intelligence Analyst.

## EDUCATION

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### University of Wollongong (SIM Global Education)

Jul 2022 - Jun 2025

#### Bachelor of Computer Science (Cyber Security)

- Graduated with Distinction (First Class Honours equivalent)
- IRAS Book Prize (Gold Award) - Awarded by IRAS for top academic performance in Year 2
- Flames of Merit Award - Recognized for dedication and active participation in the SIM ODAC

### Yishun Innova Junior College

Feb 2018 - Dec 2019

- Student Outstanding Contribution Award
- Co-Curricular Activity Distinction Award

## ACADEMIC PROJECT

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### University of Wollongong (SIM Global Education)

Jan 2025 - Jun 2025

#### Final Year Project - Interactive Website for Real Estate Price Prediction

- Led a team of five to develop a full-stack machine learning web app using Django, React, and Supabase for Singapore real estate price prediction.
- Designed system architecture and implemented secure deployment pipelines via Vercel and Render, ensuring scalability, reliability, and data protection.

## WORK EXPERIENCE

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### BFF Climb

#### Duty Officer

Jun 2024 - Present

- Oversees gym operations, handling customer inquiries, managing incidents, ensuring a safe climbing environment, and training new staff on procedures and safety protocols.
- Assists with program coordination and administrative tasks to streamline activities and improve overall efficiency.

#### Climbing Coach

Mar 2024 - Oct 2025

- Coached junior and intermediate climbers aged 5 to 16, fostering technical skill development, confidence, and passion for the sport.
- Designed progression-based training programs to enhance climbing techniques and strength, supporting overall athletic improvement.

## **Thomson Medical Pte Ltd**

### **Locum Admin Assistant**

**Mar 2022 - May 2022**

- Managed patient inquiries and accommodated language and literacy barriers professionally.
- Screened patients, reviewed and assessed immunisation history to support medical procedures.

## **CO-CURRICULAR ACTIVITIES**

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### **Outdoor Adventure Club, University of Wollongong (SIM GE)**

#### **President**

**Aug 2023 - Jul 2024**

- Organised and hosted CCA trials, recruiting new members and fostering team spirit.
- Sourced training venues, prepared funding requests and coordinated external training sessions.

### **Outdoor Adventure Club, Yishun Innova JC**

#### **President**

**May 2018 - Jul 2019**

- Led the Executive Committees (EXCOs) in planning and executing training programs.
- Organised a 2-day 1-night Bonding Camp to enhance club engagement and cohesiveness.

## **VOLUNTEER EXPERIENCE**

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### **National Police Cadet Corps (NPCC)**

**Dec 2017 - Dec 2019**

#### **Cadet Inspector**

- Trained cadets in drills, campcraft, and leadership development; supported major annual events.
- Awarded National Youth Achievement Award (Silver Level) for contributions.

## **CERTIFICATIONS**

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**(ISC)<sup>2</sup> Systems Security Certified Practitioner (SSCP)**

**In Progress**

**(ISC)<sup>2</sup> Certified in Cybersecurity (CC)**

**Earned Nov 2025**

**CompTIA Security+ (SY0-701)**

**Earned Oct 2025**

**TryHackMe Security Analyst Level 1 (SAL1) Professional Certificate**

**Earned Nov 2025**

**TryHackMe SOC Level 1 Certificate**

**Earned Oct 2025**

**Google Cybersecurity Certificate (Coursera / Google)**

**Earned Jul 2025**

## **SKILLS**

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### **Cybersecurity & SOC Operations**

- Threat Detection, Log Analysis, Incident Triage, Alert Prioritization
- SIEM Platforms (Splunk, Elastic), IDS/IPS Monitoring
- Network Traffic & Packet Analysis (Wireshark, tcpdump)
- Vulnerability Assessment, Risk Management, Linux Administration
- Familiar with MITRE ATT&CK, Cyber Kill Chain, and NIST Incident Response Framework

### **Technical Skills**

- **Programming & Scripting:** Python, Java, JavaScript, C++, PHP
- **Web Development:** HTML, CSS, React, Django
- **Database Management:** SQL, MySQL, MongoDB
- **Tools & Platforms:** Git, VS Code, TryHackMe Labs

### **Languages**

- English (Fluent), Chinese (Fluent), Malay (Basic Comprehension)