**ZHUO Junhui**

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**EDUCATION**

**Nanyang Polytechnic, Singapore** Nov 2023 – Apr 2026

**Diploma in Cyber Security & Digital Forensics**

* Dean’s List, Semester 2, Academic Year 2023
* Edusave Merit Bursary for academic excellence, 2023
* AISP Student Volunteer Recognition Programme Bronze, 2024

**CERTIFICATION**

**Certified Ethical Hacker (CEH)**  May 2024 – Jun 2024

**EC-Council**

* Acquired practical knowledge of penetration testing, network security, and vulnerability assessment. Experienced with real-world attack vectors and defence strategies.

**Certified Hacking Forensic Investigator (CHFI)** Aug 2023 – Oct 2023

**EC-Council**

* Developed expertise in computer forensics, including digital evidence collection, analysis, and incident response.

**ACADEMIC PROJECT**

**Nanyang Polytechnic Singapore** Jun 2024 – Aug 2024

**App Security Project – Secured a system for thrifting used clothing**

* Led the development of a secure e-commerce platform for thrift clothing, adhering to the OWASP Top 10 standards.
* Implemented Structured Logging with log integrity verification, automated breach alerts, and distributed storage.
* Integrated Role-Based Access Control (RBAC), alongside a Ban/Restriction system to manage users and protect endpoints.

**VOLUNTEER EXPERIENCE**

**NYP-CSIT ACUBE** Oct 2024 – Oct 2024

**Singapore International Cyber Week Booth Presenter**

* Presented ACUBE, a cutting-edge AI-powered malware analysis tool to over 100 professionals & students.
* Explored the latest cybersecurity trends and industry solutions through hands-on engagement.

**TOA PAYOH SEU TECK SEAN TONG** Jan 2024 – Present

**Welfare Volunteer**

* Conducted welfare visits to underprivileged senior residents, assisting with spring-cleaning and distributing essential supplies.

**CO-CURRICULAR ACTIVITIES**

**NYP Info Security Club** Feb 2023 – Present

**Sub-Committee**

* Directed NYP Infosec December 2024 CTF, managing logistics for 35+ participants along with challenge creations.
* Mentored 20+ students during Youth Cyber Exploration Program (YCEP) 2024.
* Assisted in NYP web penetration workshops to share on web vulnerabilities and solutions.

**SKILLS**

**Soft Skills**: Proficient in English and Chinese, Event Management, Agile Practices

**Technical Skills**: Python, JavaScript, Penetration Testing, Cryptography, Networking, OWASP Top 10

Tools: Wireshark, Metasploit, Burp Suite, Linux, Active Directory, Tableau

**HOBBIES & INTERESTS**

• Competitive CTFs: Top 15th in YBN 2024 CTF, Top 8th in GCTF 2024, Top 35th in Spooky CTF 2024.

• Music: Guzheng and Piano – Developed discipline and creativity through years of practice.

• Sports: Fencing – Demonstrated strategic thinking and quick decision-making.