

# KASPER HONG

## CYBERSECURITY SPECIALIST

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### SUMMARY

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Electrical and Computer Engineering student at Carnegie Mellon, with a specialisation in cybersecurity. I'm especially interested in irregular warfare and emerging cyber threats, informed by my work at ASEAN Cybersecurity Centre of Excellence, where I contributed to cyber policy engagements, threat intelligence reporting, and multilateral dialogues across the region.

### PROFESSIONAL EXPERIENCE

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#### Research and Technology Master Planner, Ministry of Defense May 2025 - Present

- Spearheaded long-term strategic planning for defence R&D investments, aligning national innovation efforts with future military capability needs and emerging threat landscapes
- Advised senior leadership on strategic resource allocation and capability prioritisation to maximise technological advantage

#### Cyber Consultant, KPMG Jan 2024 - May 2024

- Performed security testing on websites, mobile apps, and online systems to identify and fix vulnerabilities before they could be exploited
- Performed source code reviews for various clients, reinforcing their cybersecurity framework Engaged in policy-driven discussions with clients to ensure their security measures met both technical and regulatory requirements

#### Policy Intern, Cybersecurity and Information Centre of Excellence May 2024 - Aug 2024

- Conducted open-source research and drafted monthly Cyber Digests. which were circulated to ASEAN Member States and academics. Topics included mobile malware, Operational Technology security, and cyber threats in aviation.
- Supported the hosting of the Digital Defence Symposium, coordinating bilateral exchanges between countries

### EXTRACURRICULARS

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#### First Place, NATO Global Innovation Challenge December 2024

- Explored how NATO member states and allies could prevent the spread of disinformation by the Taliban.
- Winning solution was published by NATO's Cooperative Cyber Defence Centre of Excellence.

#### Fellow, Global Columbia Collaboratory Program January - December 2023

- Selected for a global programme focused on sustainable city planning in Africa's largest cities, addressing global challenges such as food systems, clean energy, and urban resilience.
- Partnered with Naipolitans (Nairobi-based NGO) to develop and implement strategic sustainability initiatives tailored to urban environments.

### EDUCATION

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#### Bachelor of Science (Electrical and Computer Engineering) Aug 2024 - Present

Carnegie Mellon University

- GPA: 4.0/4.0
- Concentration in Cybersecurity
- Lead Teaching Assistant for a Graduate class on Browser Security