



# MAO SOPHANIT

Cybersecurity Student | Aspiring Security Analyst

## CONTACT

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- Phnom Penh Capital

## SKILLS

### Soft Skills

- Project Management
- Team Collaboration
- Time Management
- Leadership
- Effective Communication
- Critical Thinking

### Technical Skills

- Security Tools:** Wazuh, Suricata
- Networking:** Cisco (CCNA), GNS3
- Programming:** Python, C, Go
- Cloud & DevOps:** AWS (EC2, S3, ELB, IAM), Terraform
- Web & DB:** MVC Architecture, SQL
- Concepts:** SIEM, DFIR, Encryption (RSA, AES), Secure Coding

### Languages

- Khmer (Native)
- English (Advanced)
- Korean (Upper Intermediate)

## CERTIFICATIONS

- Python Programming (Samsung)
- UNESCO Data Science Camp
- C++ / OOP Certification (ETEC)

## ACHIEVEMENTS

- Gold Medal - Global English Language Olympiad SEA
- Silver Medal - Teeneagle Competition
- Top 15% Worldwide - Caribou Math Contest
- Multiple international academic recognitions

## REFERENCE

### Math HayatiPodot

English Program & Soft Skill Coordinator

#### Email:

Hayatipodot.math@cadt.edu.kh



## PROFILE

Motivated Cybersecurity student with strong foundation in networking, ethical hacking, and cloud security. Experienced in building real-world projects including SIEM systems, secure communication platforms, and cloud infrastructure. Proven leadership in team-based technical projects.



## EDUCATION

**Cambodia Academy of Digital Technology (CADT)** 2024-Present  
BSc in Telecoms & Networking (Cybersecurity Specialization)



## PROJECTS

### Centralized Security Monitoring System

- Built SIEM using Wazuh & Suricata
- Created centralized dashboard for threat monitoring
- Detected authentication-related attacks

### Secure Chatting System (GoLang) - Team Lead

- Designed secure communication architecture
- Integrated encryption and secure protocols

### RSA-AES Encryption Software

- Developed hybrid encryption system
- Combined symmetric & asymmetric cryptography

### Cloud Infrastructure Deployment

- Deployed AWS infrastructure using EC2, S3, ELB
- Automated infrastructure provisioning using Terraform

### Network Design (Disaster Scenario)

- Designed resilient network architecture using GNS3
- Led configuration and implementation

### Mobile App - Real Estate Platform

- Built mortgage calculator feature
- Worked with Flutter & Figma



## INTERNATIONAL EXPERIENCES

### Mekong-ROK Youth Group Workshop - South Korea (2024)

- Collaborated with international teams from 5 countries on technology-driven solutions
- Studied supercomputing systems and emerging technologies at KISTI
- Developed a cross-country technology collaboration project plan
- Strengthened ability to work in multicultural, interdisciplinary teams

### UNESCO UNITWIN Data Science Camp (2024)

- Participated in international data science and digital skills training
- Engaged in collaborative learning with Korean professors and mentors



## LEADERSHIP & EXPERIENCES

- Secretary, Rotaract Club of Phnom Penh Metro (2025-Present)
- Freelance English-Khmer Translator (2024-Present)
- Vice Leader - International Volunteer Program with Korean University
- Volunteer - JCI Asia-Pacific Conference
- Translator - Wedu Abroad (2023-2024)
- English Teacher & Tutor (2020-2022)