

# Kanjanarat Prommalak

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Enthusiastic Computer Engineering professional with a passion for Cyber Security and a strong foundation in threat analysis, incident response, and security monitoring. I am eager to expand my knowledge and skills, collaborating with industry leaders and contributing to innovative security initiatives. Committed to continuous learning and staying ahead in the ever-evolving field of Cyber Security, I am driven by a desire to tackle complex challenges, enhance security postures, and make a meaningful impact in protecting digital assets.

## Education

**King Mongkut's University of Technology Thonburi**

Bachelor of Engineering in Computer Engineering. GPA: 3.43

Expected Graduation May 2025

## Internship

**Cybertron Co., Ltd**

**Cyber Security Analyst Intern**

June 2024 – July 2024

- Conducted real-time threat analysis using Security Information and Event Management (SIEM) tools to monitor network traffic, analyze logs, and detect potential vulnerabilities or security threats
- Collaborated with client security teams to respond to incidents, ensuring timely threat validation and mitigation to reduce impact
- Gained hands-on experience with security tools such as Splunk, enhancing practical Cyber Security skills and knowledge in corporate environments

## Thesis

**Implementation of Database for Homomorphically Encrypted Data**

In Progress

- Developing a key-value database to securely store homomorphically encrypted data, ensuring confidentiality without compromising performance
- Leveraging Cython to enhance performance through C-level Python integration
- Evaluating the database by applying Artificial Neural Networks (ANN) for secure machine learning applications

## Certification

**Google Cyber Security**

Completed February 2024

- Gained foundational knowledge in threat analysis, risk management, and incident response

**Cisco Introduction to Cyber Security**

Completed March 2024

- Developed principles and best practices for securing networks and safeguarding assets

## Extracurricular Activity

**Capture The Flag (CTF) Competition**

September 2024

- Participated in the Thailand Cyber Top Talent 2024 competition, enhancing practical skills in Cyber Security through engaging challenges

**KBTG Cyber Security ClassNest**

Expected completion February 2025

- Gaining opportunities to learn from industry experts and exploring diverse perspectives on Cyber Security careers
- Strengthening technical skills and broadening knowledge in Cyber Security through exposure to real-world scenarios

## Skills

**Programming Languages:** C, Python, SQL

**Security Tools:** Security Information & Event Management (Splunk), Wireshark

**Technical Skills:** Threat Analysis, Incident Response, Security Monitoring, Log Analysis, Networking, Data Security

**Additional Skills:** Analytical Thinking, Adaptability, Problem Solving, Team Collaboration