

# WONGSATHON MATHONGSA

(+66) 91 065 8383 | wmathongsa@gmail.com  
www.reallygreatsite.com

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## SUMMARY

I graduated in Telecommunications and Network Engineering from KMITL. I have a solid understanding of network parameters and am dedicated to continuous self-improvement and professional growth. I possess strong learning capabilities, effective communication skills, and the ability to perform well under pressure.

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## EDUCATION

### King Mongkut's Institute of Technology Ladkrabang (KMITL)

Faculty of Engineering

Bachelor of Engineering, Telecommunications and Network (2020-2024)

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## EXPERIENCE

### King mongkut's institute of technology ladkrabang (KMITL) PROJECT July 2023 - Mar 2024

#### LoRa and GPS Integrated Environmental Monitoring and Reporting System for Rail Transportation

Design a temperature and humidity monitoring system in a train using LoRa to send data from each sensor to a single central gateway, which uses LTE to send data to a website, displaying the location via GPS, and connecting to a database via API to analyze the quality of transportation in real time.

### National Telecom Public Company Limited (NT)

May 2023 - July 2023

#### Network Engineer

I have experience in surveying and designing network diagrams and am responsible for repairing network equipment as assigned. I configure equipment and install IP phones for the municipality and do lab configs for various network equipment with my team members and practice using and repairing fiberoptic and monitor fiberoptic networks through programs.

### King mongkut's institute of technology ladkrabang (KMITL) PRE-PROJECT Dec 2022 - Apr 2023

#### Temperature and Humidity Measurement Utilizing a Monitoring System via LTE Network

Develop a temperature and humidity meter with a location tracking system via LTE network, displaying results on a website in real time, and sending data to a server via FTP.

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## CERTIFICATIONS/AWARDS

- Basic Network for IT from CIPAT
- [Security Driven Networking] Introduction to Fortinet Network Security r3
- 4th place Huawei ICT competition 2023-24 [Preliminary round: Network track]
- 2nd place Huawei ICT competition 2023-24 [National round: Network track]
- Participated in the KMITL INNOVATION EXPO 2024 exhibition

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## TECHNICAL SKILLS

- Basic programming: HTML, CSS, JavaScript, Python
- Computer hardware: troubleshooting & repair
- Network and Communication
- Basic knowledge in electronics and hardware systems
- Familiar with telecommunications equipment and systems
- Basic knowledge of MATLAB, AutoCAD, Wireshark, and Microsoft Office tools

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## LANGUAGES

- English (TOEIC Score 720)
- Thai