



# CHAICHANA TOOMJAN

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## SUMMARY

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Information Technology student specializing in Data Science at King Mongkut's University of Technology North Bangkok. Familiar with computer hardware, software, Windows and Linux operating systems, computer networks, databases, ERP systems, and basic technical troubleshooting. Has foundational experience in SQL, web applications, and user support through academic coursework and projects. Seeking an internship in IT Support, Application Support, or ERP Support to gain practical experience and further develop technical and problem-solving skills.

## PROJECT EXPERIENCE

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### Full-Stack Point of Sale System | React, Express.js, Node.js, Docker

- Developed a full-stack POS system using React, Express.js, and Node.js.
- Containerized the application with Docker and deployed it on Ruk-Com Cloud.
- Integrated the front-end, back-end, and database for product and transaction management.

### Web-Based Point of Sale System | PHP, MySQL

- Developed a web-based Point of Sale system using PHP and MySQL.
- Integrated the application with a database for storing and managing system data.

### Netflix Data Analysis and Interactive Dashboard | MySQL, SQL, Python, Power BI

- Imported a Netflix CSV dataset into MySQL for data storage and analysis.
- Cleaned, transformed, and analyzed the dataset using SQL and Python.
- Developed an interactive Power BI dashboard to visualize key findings and trends.

### Meteor Shooter Game | Python, Pygame

- Developed a 2D space shooter game using Python and Pygame.
- Implemented player movement, shooting, enemy spawning, collision detection, and score tracking.

### AI-Based Waste Classification System | Python, Machine Learning

- Developed an image classification model to identify different types of waste.
- Prepared image data, trained the model, and evaluated its performance using test data.

### Chicken and Intruder Object Detection System | Python, YOLO, Computer Vision

- Developed an object detection system for detecting chickens and potential intruders.
- Trained and evaluated a YOLO model using an image dataset.

## EDUCATION

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### Bachelor of Science in Information Technology

2023 - Present

King Mongkut's University of Technology North Bangkok (KMUTNB)

GPAX : 3.03

- Specialization in Data Science.
- Relevant coursework in Data Analytics, Machine Learning, Big Data, Database Systems, Computer Networks, Cloud Computing, and Programming.

## TECHNICAL SKILLS

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- **Operating Systems:** Windows, Linux, Basic Unix Commands
- **IT Support:** Software Installation, Basic Hardware Troubleshooting, User Support, System Troubleshooting
- **Networking:** TCP/IP, LAN, Wi-Fi, IP Addressing, Basic Network Troubleshooting
- **Database & Applications:** MySQL, SQL Queries, ERP Systems, Web Applications
- **Tools & Technologies:** Git/GitHub, Docker, Cloud Computing
- **Programming:** Python, Java, C++, JavaScript, PHP
- **Certification:** AWS Academy Graduate – AWS Academy Cloud Foundations