Titipa Eamsiriwong

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SUMMARY

First-Class IT graduate with a focus in Software Engineering, skilled in developing data-driven solutions. Experienced in full-stack development, data science, and machine learning, with a teaching background. Over 4 years of coding experience, starting from high school participation in the POSN Computer Olympiad Camp 2.

EDUCATION

King Mongkut's Institute of Technology Ladkrabang (KMITL) | CGPA: 3.54 (First Class Honors)   2021 – 2025

Bachelor of Science Program in Information Technology, Software Engineering Subject Area

PROFESSIONAL EXPERIENCES

Software Engineer Cooperative Education   Jun – Oct 2024

MFG New Business Department, Toyota Motor Thailand Co., Ltd. (TMT)   *Samrong, Samut Prakan*

- Led the end-to-end development of a predictive maintenance project using Machine Learning
- Tested the first working web application prototype in a real manufacturing environment with 97.92% accuracy

TEACHING EXPERIENCES

Teaching Assistant – TTB's Generative AI in Practice Training   Aug – Sep 2025

Generative AI upskilling for TTB's developer team   *Ladkrabang, Bangkok*

- Built an AI chatbot demo for credit card customer service, including a prototype file for handover.

Teaching Assistant – Data Analytics Techniques and Visualization (DGA306)   May – Jul 2025

Thailand Digital Government Academy (TDGA)   *Huai Khwang, Bangkok*

- Supported trainees with programming tasks and consulted on system optimization for government operations
- Acted as a commentator, provided feedback and insights during project presentations

Teaching Assistant – Big Data System   Dec 2024 – May 2025

3rd year Information Technology, Data Science and Business Analytics, KMITL   *Ladkrabang, Bangkok*

Teaching Assistant – Data Structures and Algorithms   Dec 2024 – May 2025

1st year Financial Engineering, International Program, KMITL   *Ladkrabang, Bangkok*

SKILLS

Programming Languages & Frameworks

- Python
- JavaScript
- C/C++
- HTML/CSS
- Java
- React
- Node.js
- Express.js
- Vue.js
- Svelte
- Bootstrap
- PHP
- Flask
- SQL Query
- RESTful API

Tools & Platforms

- Visual Studio Code
- GitHub
- Postman
- Google Workspace
- Figma

Data Science

- Data Analysis & Visualization
- Machine Learning

Languages

- Thai   : Native
- English : TOEIC 840