# Theepakorn Phayonrat
B.Eng in Software Engineering Student @ KMITL

## PERSONAL DETAILS

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|---|---|---|---|
| *Address* | Bangkok, Thailand | *Language* | Thai, English |
| *Phone* | 0863930486 | *GitHub* | https://github.com/Pottarr |
| *Email* | pottarrpongs@gmail.com | *LinkedIn* | https://www.linkedin.com/in/pottarrpongs/ |

## TECHNICAL SKILLS

| *Languages* | • Rust • Python | • C/C++ • ARM ASM | • HTML/CSS • JS/TS | *Dev Tools* | • Neovim • Git | • Latex • Linux |
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## EXPERIENCES

**Teaching Assistant (Sessions Lecturer in Elementary System Programming)**  `Jul/2025 - Present`
*KMITL*
- Lecturer in Pre-Session for new 1st year students during Summer 2025
  Topics:
  - Rust Basic Syntax and Rules of Ownership
  - Struct, Enum, Impl and some Standard Library features

- Lecturer in Final Exam Preparation Session during Semester 1/2025
  Topics:
  - trait, iterator and closure
  - multi-thread programming

**Teaching Assistant (Lab Assistant)**  `Jul/2025 - Present`
*KMITL*
- On-Site Object Oriented Programming Lab Teaching Assistant (C++) (Semester 2/2025)
- On-Site Computer Programming Lab Teaching Assistant (Python) (Semester 1/2025)
- On-Site Elementary System Programming Lab Teaching Assistant (Rust) (Semester 1/2025)

## ACADEMIC AND PERSONAL PROJECTS

*Personal Project*  My favorite project currently working on

**I ASSUME CPU**  `Nov/2025 - Present`
*Assembly and C*
Personal project, sequel Project of the 8 Bit CPU project with compiler and assembler for its own languages written in C.
GitHub: https://github.com/Pottarr/I-ASSUME-CPU

*Academic Project*  My best of 2nd Year

**8 Bit CPU Simulator**  `Sep/2025 - Nov/2025`
*Computer Architecture and Organization*
A 8 Bit CPU Simulation made in Hneemann's Digital with ISA assembler written in Python
GitHub: https://github.com/Pottarr/8Bit-CPU

*Academic Project*  My best of 1st Year

**RUSH - Rust Shell Terminal**  `Aug/2024 - Nov/2024`
*Elementary System Programming (Rust)*
A POSIX-like Terminal Shell with its own GUI written in Rust
GitHub: https://github.com/Pottarr/RUSH-Rust-Shell-Terminal

## EDUCATION

**B.Eng. Software Engineering**  `2024 - Present`
*King Mongkut's Institute of Technology of Ladkrabang*
GPA: 3.02
Relevant Coursework:

- Computer Programming
- Elementary System Programming
- Computer Architecture and Organization
- Data Structures and Algorithms
- Web Programming