

Theepakorn Phayonrat

B.Eng in Software Engineering Student @ KMITL

PERSONAL DETAILS

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

TECHNICAL SKILLS

<i>Languages</i>	<ul style="list-style-type: none">• Rust• Python	<ul style="list-style-type: none">• C/C++• ARM Assembly	<i>Dev Tools</i>	<ul style="list-style-type: none">• Neovim• Git	<ul style="list-style-type: none">• 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 Computer Programming Lab Teaching Assistant (Python) (Semester 1/2025)
- On-Site Elementary System Programming Lab Teaching Assistant (Rust) (Semester 1/2025)
- On-Site Object Oriented Programming Lab Teaching Assistant (C++) (Semester 2/2025)

ACADEMIC AND PERSONAL PROJECTS

Academic Projects 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>

Academic Projects 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>

Personal Projects 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>

EDUCATION

SMTP Class

2021 - 2023

Triam Udom Suksa Pattanakarn School

GPA: 3.88

B.Eng. Software Engineering

2024 - Present

King Mongkut's Institute of Technology of Ladkrabang

GPA: 3.02