



Theepakorn Phayonrat

B.Eng in Software Engineering Student @ KMITL

PERSONAL DETAILS

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	<ul style="list-style-type: none">• Rust• Python	<ul style="list-style-type: none">• C/C++• ARM ASM	<ul style="list-style-type: none">• HTML/CSS• JS/TS	Dev Tools	<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 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)

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

SMTP Class

2021 - 2023

Triam Udom Suksa Pattanakarn School

GPA: 3.88

ACADEMIC PROJECTS

Year 2/2 In Progress

PEPE: Project Elaborating Program with Extension

Nov/2025 - Present

Software Engineering Principle (Python)

A project management software which can design QML and Gantt chart with task management system integrate with git
GitHub: <https://github.com/Pottarr/PEPE>

Year 2/1 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>

Year 2/1

SE Connect

Sep/2025 - Nov/2025

Web Programming (HTML CSS JS)

Forum Website for KMITL Software Engineering Major
GitHub: <https://github.com/Pottarr/SE-Connect>

Year 1/2

QtGroove

Aug/2024 - Nov/2024

Object Oriented Programming (C++)

A music player written in C++ with Qt framework
GitHub: <https://github.com/Pottarr/QtGroove>

Year 1/1 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>

Year 1/1

PyCalendar

Aug/2024 - Nov/2024

Computer Programming (Python)

A desktop based calendar written in Python with TkInter package
GitHub: <https://github.com/Pottarr/PyCalendar>

PERSONAL PROJECTS

In progress 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>

In progress

PLA Macros

Dec/2025 - Present

Latex

A Latex macro package to simplify plotting graph for Latex
GitHub: <https://github.com/Pottarr/PLA-Macors>