



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	• 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) KMITL

Jul/2025 - Present

- 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 fea-
- tures

- 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
<i>Software Engineering Principle (Python)</i>		
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
<i>Computer Architecture and Organization</i>		
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
<i>Web Programming (HTML CSS JS)</i>		
Forum Website for KMITL Software Engineering Major		
GitHub: https://github.com/Pottarr/SE-Connect		
Year 1/2		
QtGroove		Aug/2024 - Nov/2024
<i>Object Oriented Programming (C++)</i>		
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
<i>Elementary System Programming (Rust)</i>		
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
<i>Computer Programming (Python)</i>		
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
<i>Assembly and C</i>		
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
<i>Latex</i>		
A Latex macro package to simplify plotting graph for Latex		
GitHub: https://github.com/Pottarr/PLA-Macros		