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

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 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

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

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

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 ans Organization