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)

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 TS)

A project management software which can design QML and Gantt chart with task management system

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

Year 2/1

SE Connect   Sep/2025 - Nov/2025

Web Programming (HTML CSS JS)

Forum Website for KMITL Software Engineering Major

Year 1/2

QtGroove   Aug/2024 - Nov/2024

Object Oriented Programming (C++)

A music player written in C++ with Qt framework

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

Year 1/1

PyCalendar   Aug/2024 - Nov/2024

Computer Programming (Python)

A desktop based calendar written in Python with TkInter package

PERSONAL PROJECTS

In progress

JarueK   Aug/2025 - Present

Rust

A terminal text editor written in Rust

In progress

I ASSUME CPU   Nov/2025 - Present

Assembly and C

A sequel project of the 8 Bit CPU project with compiler and assembler for its own languages written in C.

In progress

PLA Macros   Dec/2025 - Present

Latex

A LaTeX package to simplify the plotting syntax of Linear Algebra in at most 3 axes

In progress

C Plot Lib   Dec/2025 - Present

C

A C graph plotting program with GUI powered by SDL2 and GTK