

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	
<ul style="list-style-type: none">• Lecturer in Pre-Session for new 1st year students during Summer 2025• Lecturer in Final Exam Preparation Session during Semester 1/2025	
Teaching Assistant (Lab Assistant)	Jul/2025 - Present
KMITL	
<ul style="list-style-type: none">• 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 projects currently working on	
JarueK		Aug/2025 - Present
Rust		
A terminal text editor written in Rust		
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.		
PLA Macros		Dec/2025 - Present
Latex		
A L ^A T _E X package to simplify the plotting syntax of Linear Algebra in at most 3 axes		
C Plot Lib		Dec/2025 - Present
C		
A C graph plotting program with GUI powered by SDL2 and GTK		
Academic Projects	My best of each year	
8 Bit CPU Simulator		Sep/2025 - Nov/2025
Computer Architecture and Organization (Year 2)		
A 8 Bit CPU Simulation made in Hneemann's Digital with ISA assembler written in Python		
RUSH - Rust Shell Terminal		Aug/2024 - Nov/2024
Elementary System Programming (Rust) (Year 1)		
A POSIX-like Terminal Shell with its own GUI written in Rust		

EDUCATION

B.Eng. Software Engineering	2024 - Present
King Mongkut's Institute of Technology of Ladkrabang	
GPA: 3.02	
Relevant Coursework:	
<ul style="list-style-type: none">• Computer Programming• Elementary System Programming• Digital System Fundamental	<ul style="list-style-type: none">• Object Oriented Programming• Computer Architecture and Organization• Data Structures and Algorithms• Web Programming• Database Systems