Thamognya Kodi

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Skills and Courses

DevOps	Docker, Vagrant, Linux, BSD, *Unix
Back-end	SQL, Django, Rocket, Apache2, Nginx, REST API, Graphql API
Front-end	React, Vue, SASS, Next, Nuxt, Flutter, WASM (Rust), Bash
Programming	Rust, C, C++, Python, x86-64 ASM, JavaScript, TypeScript, Dart, Java, lua, Using Google, LaTeX
Languages	English, French, Spanish, Telugu, Learning Thai and Greek
Programming Courses:	CS50x, Automate the Boring stuff with python
College Courses:	Calculus (2 dimensional), Linear Algebra, Statistics, Micro and Macro Economics, Chemistry, and Physics 1 via AP Courses

Honors & Awards

2022	**AMC 10 B Perfect Score - National First Place**, American Mathematical Competition 10 2021 Fall	*Bangkok, Thailand*
2022	**AIME 2 time Qualifier**, American Invitational Mathematics Exam	*Bangkok, Thailand*
2022	**Gold Medal - National First Place**, Vanda International Science Competition	*Bangkok, Thailand*
2021	**Gold Medal - National First Place**, Copernicus Olympiad - Physics	*Bangkok, Thailand*
2021	**Gold Medal**, Copernicus Olympiad - Math	*Bangkok, Thailand*
2022	**Gold Medal - National First Place**, PISMO Final Round - Science	*Bangkok, Thailand*
2022	**Gold Medal**, PISMO Final Round - Math	*Bangkok, Thailand*
2022	**NYAS Student**, New York Academy of Sciences	*Bangkok, Thailand*
2021	**Gold Medal - National First Place**, PISMO National Round - Science	*Bangkok, Thailand*
2021	**Gold Medal**, PISMO National Round - Math	*Bangkok, Thailand*
2021	**AMC 8 Honor**, American Mathematical Competition 8 2020 Fall	*Bangkok, Thailand*

Projects and Experience

Gentoo
Online

GENTOO GNU/LINUX PROXIED MAINTAINER, AND CJK MAINTAINER · *Dec. 2021 - now*

- Worked on creating several ebuilds to help install packages
- Worked on creating the package manager Portage to fix bugs and update it's python code.
- Maintainer for terminal-colors, CJK based packages and maintain 25+ packages
- p.g.o

MOS Technology 6502 8-bit microprocessor Emulator
Online

PROJECT DEV. · *Jul. 2021 - now*

- A 6502 emulator in C++

RustyUtils
Online

PROJECT DEV. · *Jul. 2021 - now*

- All the GNU CoreUtils in Rust
- https://github.com/RustyUtils/RustyUtils

BigLet
Online

PROJECT DEV. · *Jul. 2021 - now*

- FigLet but in rust
- https://github.com/RustyUtils/figlet

TFetch
Online

PROJECT DEV. · *May. 2021 - now*

- A macOS and Linux minimal sys-fetching application
- written in C and is resource efficient
- https://git.thamognya.com/Thamognya/TFetch

www.thamognya.com

PROJECT DEV.

- My Personal website written in reactjs (ts) that is currently
- https://github.com/Thamognya/www.thamognya.com
- https://github.com/Thamognya/www.thamognya.com-bac

Online

Mar. 2021 - now

PY-simple-neural-network

PROJECT DEV.

- This is a simple python neural network using the perceptron algorithm
- https://github.com/LowLevelML/PY-simple-neural-network

Online

Jun. 2022 - Jun. 2022

unemployment-predictor

PROJECT DEV.

- This is a simple deep learning project.
- https://github.com/LowLevelML/unemployment-predictor

Online

Mar. 2022 - May 2022

Music-Party-App

PROJECT DEV.

- An django application that uses the REST API framework with a frontend react to allow users to use a code to sign in and play songs via a voting system
- written in Python and uses the Django framework with react
- https://github.com/Thamognya/Music-Party-App

Online

Mar. 2021 - May 2022

UniverseVim

PROJECT DEV.

- This is a neovim config I have written in Lua
- https://git.thamognya.com/Thamognya/UniverseVim

Online

May. 2022 - Jun. 2022

WarmHearts Foundation

COMPUTER SCIENCE DEPARTMENT HEAD FOR MIDDLE SCHOOL

- Was the sole computer science teacher and head of department for a middle school here in Phrae , Chiang mai, Thailand for a month.
- Taught Python and JavaScript at an elementary to intermediate level

Chiang mai

Dec. 2021 - Jan. 2022

Flix Tools

PROJECT DEV.

- In these utilities, I have used GNU utilities to web scrape and play videos
- https://git.thamognya.com/Thamognya/FlixTools

Online

Mar. 2022 - May. 2022

Education

Ruamrudee International School

HIGH SCHOOL DIPLOMA

- Received maximum academic scholarship. Only 1 person receives it each year.

Bangkok, Thailand

Aug.2021 - now

Ruamrudee International School

AP COURSES

- I have completed AP Calculus AB, AP Physics 1, AP Statistics, AP Chemistry, AP Macroeconomics, and AP Microeconomics as of my freshman year.

Bangkok, Thailand

Aug.2021 - Jun. 2022

John Hopkins University - CTY - Central for Talented Youths

CTY COURSES

- I have completed Honor Precalculus, Honor Chemistry, Honor Physics, and Introduction to programming with Java.

Bangkok, Thailand

Aug.2019 - Conti.

KIS

MIDDLE SCHOOL

- Received maximum academic scholarship. Only 1 person receives it each year.

Bangkok, Thailand

Aug.2018 - Jun. 2021

Club Committees

May. 2022	**Founder and President,** Math Club and Team - Mu Alpha Theta	*Bangkok, Thailand*
Jan. 2022	**Senior Dev.,** The Union Newspaper Club	*Bangkok, Thailand*
Aug. - Jun 2022.	**Research Member,** STEM Club	*Bangkok, Thailand*