

Noppakorn Jiravararanun

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ABOUT

Computer Engineering Student with interested in Computer Architecture, Linux and Machine Learning

EDUCATION

Bachelor of Computer Engineering, Chulalongkorn University Expected 2024
Relevant Coursework: Computer System Architecture, Data Structure, and Algorithm Design.
Mahidol Wittayanusorn School 2017-2020

SKILLS

Programming Language: Python, C++, Rust, Java
Tools: Linux, Docker, MySQL, Grafana, NumPy, Pandas, TensorFlow

EXPERIENCE

Data Structure Teaching Assistant Aug 2022 - Present
Chulalongkorn University *Bangkok, Thailand*

- Prepare Data Structure programming problems in C++
- Managing Linux server for the automated judge system
- Developed monitoring system for the judge using Grafana and MySQL

Machine Learning Server Administrator Aug 2021 - Dec 2022
Chulalongkorn University *Bangkok, Thailand*

- Setup GPU server with docker for ease of use of the user

Python Course Assistant Jan 2019 - Mar 2020
Mahidol Wittayanusorn School *Nakhon Pathom, Thailand*

- Using linux and docker for JupyterHub.
- Provides a python programing platform for student that doesn't require any additional software.
- Extensive use of docker for isolation of each users.

PROJECTS

Parkinson's Diseases Patient Detection An individual study project at Chulalongkorn University of using EfficientNet to predict patient with Parkinson's Diseases according to their facial expression

The Researcher COVID Dashboard Data processing of Thailand COVID information using Python with The Researcher website

EXTRA-CURRICULAR ACTIVITIES

- Thailand Online Competitive Programming Contest 2021 ([TOCPC](#))
 - Contest Organizer
 - Linux Server setup for the contest with more than 900 contestant
- Thailand Computing Olympiad 2020 ([THACO](#))
 - Contest Organizer
 - Linux Server setup for the contest with more than 400 contestant