Noppakorn Jiravaranun

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ABOUT

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

EXPERIENCE

Site Reliability Engineer Internship — May 2023 - Present
Agoda — *Bangkok, Thailand*

- Reducing downtime @ Agoda
- Implement REST API for In-house Time Series Database with Go
- Implement scalable Grafana Alert System in Python

Data Structure and Algorithm Teacher Assistant — Aug 2022 - Present
Chulalongkorn University — *Bangkok, Thailand*

- Prepare Data Structure and Algorithm 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 the user's ease of use

EDUCATION

Bachelor of Computer Engineering, Chulalongkorn University — Expected 2024
GPA: 3.81
Relevant Coursework: Data Structure, Algorithm Design and Computer System Architecture

Mahidol Wittayanusorn School — 2017-2020
GPA: 3.76

SKILLS

Programming Languages:	Python, C, C++, Rust, Go, Java, JavaScript, TypeScript
Frameworks and Libraries:	NumPy, Pandas, TensorFlow, Pytorch, React, Gin Gonic, Go Fiber
Tools:	Linux, Docker, MySQL, MongoDB, Grafana

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 ([Github](https://github.com))

EXTRA-CURRICULAR ACTIVITIES

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