

Noppakorn Jiravaranon

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ABOUT

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

EXPERIENCE

Site Reliability Engineer Internship

Agoda

May 2023 - Present

Bangkok, Thailand

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

Data Structure and Algorithm Teacher Assistant

Chulalongkorn University

Aug 2022 - Present

Bangkok, Thailand

- Prepare Data Structure and Algorithm programming problems in C++
- Developed data analysis and monitoring system for the judge using Grafana and MySQL
- Deploy Proxmox Hypervisor on Bare Metal Servers to utilize the server more efficiently
- Works with [Cafe Grader](#), an open-source automated judge system for competitive programming
- Setup server monitoring system with Grafana, InfluxDB and Telegraf

Machine Learning Server Administrator

Chulalongkorn University

Aug 2021 - Present

Bangkok, Thailand

- Setup GPU server with Docker to prevent software conflict

EDUCATION

Bachelor of Computer Engineering, Chulalongkorn University

2020-2024(Expected)

GPA: 3.81

Relevant Coursework: Data Structure, Algorithm Design and Computer System Architecture

Mahidol Wittayanusorn School

2017-2020

GPA: 3.76

SKILL

Programming Languages: Python, C, C++, Rust, Go, Java, JavaScript, TypeScript

Frameworks and Libraries: NumPy, Pandas, TensorFlow, Pytorch, React

Platforms: Linux, Docker, Kubernetes

Databases: MySQL, PostgreSQL, MongoDB, InfluxDB

Tools: Grafana, GitLab CI, GitHub Actions, RabbitMQ

EXTRA-CURRICULAR ACTIVITY

- The Researcher COVID Dashboard ([GitHub](#))
 - Data processing of Thailand COVID information using Python with The Researcher website
- Thailand Online Competitive Programming Contest 2021
 - Contest Organizer managing Linux Server setup for the contest with more than 900 contestant
- Thailand Computing Olympiad 2020 ([THACO](#))
 - Contest Organizer managing Linux Server setup for the contest with more than 400 contestant