

# Noppakorn Jiravaranon

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## ABOUT

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

## EDUCATION

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**Bachelor of Computer Engineering**, Chulalongkorn University Expected 2024

GPA: 3.79

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

**Mahidol Wittayanusorn School**

2017-2020

GPA: 3.76

## SKILLS

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<b>Programming Languages:</b>	Python, C/C++, Rust, Java, JavaScript, Go
<b>Frameworks and Libraries:</b>	NumPy, Pandas, TensorFlow, Pytorch, React, NextJS, Gin Gonic
<b>Tools:</b>	Linux, Docker, MySQL, MongoDB, Grafana

## EXPERIENCE

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<b>Data Structure Teaching Assistant</b> Chulalongkorn University	Aug 2022 - Present <i>Bangkok, Thailand</i>
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- 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

<b>Machine Learning Server Administrator</b> Chulalongkorn University	Aug 2021 - Dec 2022 <i>Bangkok, Thailand</i>
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- Setup GPU server with docker for the user's ease of use

<b>Python Course Assistant</b> Mahidol Wittayanusorn School	Jan 2019 - Mar 2020 <i>Nakhon Pathom, Thailand</i>
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- Setting up Linux and Docker for JupyterHub that is used by students.
- Provides a python programing platform for student that doesn't require any additional software.

## PROJECTS

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**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](#))

## EXTRA-CURRICULAR ACTIVITIES

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- Thailand Online Competitive Programming Contest 2021 ([TOCPC](#))
  - 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