

Mr. Pattarawit

Duangmak

cooperative education

Computer Science Student

Project

### Music genre classification with Machine learning on mobile application

- Model part
  - Prepare songs as raw data and study appropriate features for create a model.
  - Extract features to prepare them as main data for modeling.
  - Create a model by experimenting with various algorithms. To find a suitable model
- Mobile application part
  - Create a server to work with the application by deploy it on AWS. The server will work with the application to prepare data and predict music genres.
  - Create an application that can work with the server and have display section for users to see they prediction and other function

### Education History

#### KASETSART UNIVERSITY KAMPHAENGAEN CAMPUS

Bachelor of Science Program  
in Computer Science  
2020 - now  
( Gpa : 2.69 )

#### Phuket Wittayalai school English-Japanese Program

2014 - 2019  
( Gpa : 2.50 )

### LANGUAGE

- Thai : Native Speak
- English CEFR LEVEL : B1
- Japanese JLPT : N4



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162 MOO. 9, Kamphaeng Saen Subdistrict,  
Kamphaeng Saen District,  
Nakhon Pathom Province 73140



<https://techeng-resume.vercel.app/>

### About me

Hello, I have developed a variety of abilities during my time in college. I have produced an Android application that enables users to test machine learning models that I have developed for the purpose of identifying music genres.

I also have experience creating information-sharing websites and am quite skilled at creating web and mobile applications.

I am sure that my experience and skills will be a huge asset to the Software Engineer position, and I am excited about the chance to join your team. Do not hesitate to get in touch with me if you think that my skills meet the requirements of your company. I appreciate your attention in advance.

### Skills

- PYTHON
- JAVA
- HTML/CSS/JS
- GOLANG
- REACT
- NODE.JS
- DOCKER
- KUBERNETES
- AWS
- GCP
- JENKINS
- LINUX
- GIT
- PROMETHEUS
- GRAFANA
- MYSQL
- FLUTTER

### CERTIFICATE

- Advance Topics Beyond DevOps
- The Complete Guide To Kubernetes
- Workshop : Deploy Web Application on EC2 (AWS)
- Docker : Step by step
- Mastering Fundamental Golang : Building RESTAPI Project
- Monitoring and Logging Management for DevOps
- Software development on Microservices system
- Network, Security, and Management Services on AWS
- Introduction to AWS services , Core Services on AWS

# Pattarawit Duangmak

COOPERATIVE EDUCATION

Computer Science Student

## ABOUT ME

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## PERSONAL INFO

BD 29/09/2544

Age 21 years

Nation Thai

## CONTACT

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## EDUCATION

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## PROJECT

### 2023 Music genre classification with Machine learning

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  - Create a model by experimenting with various algorithms.
- To find a suitable model
  - Mobile application part
    - Create a server to work with the application by placing it on GCP. The server will work with the application to prepare data and predict music genres.
    - Create an application that can work with the server and have display section for users to see they prediction and other function

## CERTIFICATE

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The Complete Guide To Kubernetes  
Workshop : Deploy Web Application on EC2 (AWS)  
Docker : Step by step  
Mastering Fundamental Golang : Building RESTAPI Project  
Monitoring and Logging Management for DevOps  
Hands-On DevOps  
Software development on Microservices system  
Introduction to AWS services , Core Services on AWS  
Network, Security, and Management Services on AWS

## SEMINAR

Introduction of network cyber security  
Introduction of artificial intelligence

## SKILLS

- |             |            |            |         |
|-------------|------------|------------|---------|
| PYTHON      | NODE.JS    | JENKINS    | MYSQL   |
| JAVA        | DOCKER     | LINUX      | FLUTTER |
| HTML/CSS/JS | KUBERNETES | GIT        | REACT   |
| GOLANG      | AWS        | PROMETHEUS |         |
| REACT       | GCP        | GRAFANA    |         |