

Worapol Boontanonda

STUDENT · DATA ENGINEER

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Education

MUIC(Mahidol University International College)

B.S. IN COMPUTER SCIENCE

- Currently a 4th Year Student graduating in August 2018

Salaya, Thailand

Sept. 2014 - Aug. 2018

Skills

Programming Python, Node.JS, C/C++, Scala/Akka, JAVA
Web Express, React, HTML5, Ruby on Rails, Flask
Languages Thai, English, Chinese(very little)

Experience

Thailand Ministry of Health / MUIC (Mahidol University International College)

BACKEND DEVELOPER

- Create and manage the docker deployment of the web application
- Create basic authentication login, manage user, assign permission
- Create a system to upload lab data to the system (surveys)
- Write a micro service api to serve the frontend all of the above system

Salaya, Thailand

Aug. 2016 - Aug. 2017

Mahidol University

GAME DEVELOPER

- Fuekfon game is a game design for disabled people especially for people that receive a stroke and lose the ability to move, it is design to be a new kind of rehabilitation program
- Maintain Fuekfon game this include debugging and adding more feature
- Add more feature to the game such as adding a timer to all of the game
- Refactor some of the code to support highscore system for each user

Salaya, Thailand

Jan. 2017 - Dec. 2017

MUIC / TTET (Toyota Tsusho Electronics Thailand)

BACKEND DEVELOPER / DEV OPS

- Phase 1 of TTET traffic incident/parking
- Write a window segment to slice data for data analysis
- Write deployment scripts for docker-machine to create aws ec2 instances
- Deploy and support data science team in running their program on the ec2 instances this include creating a Dockerfile for the data science code

Salaya/Chitlom Bangkok

May 2017 - July 2017

TTET (Toyota Tsusho Electronics Thailand)

DATA ENGINEER / RESEARCHER

- Benchmark the performance of big table in this case Hbase using geomesa on traffic data
- Benchmark PostGIS performance on large traffic data
- Attempt to concurrently read and filter GIS data on PostGIS using scala
- Make conclusion on the finding on Geomesa and PostGIS performance on TTET traffic data

Chitlom, Thailand

Aug. 2017 - Sep. 2017

MUIC / NEXTY (Toyota Tsusho Nexty Electronics (Thailand))

DATA ENGINEER / DEV OPS / BACKEND DEVELOPER

- TTET -> NEXTY Phase 2 for Incident/Parking
- Write an library to launch jobs on kubernetes
- Write a data pumper which pump information from the rds into kafka
- Write a python connector that connect to kafka and pull information to serve the client
- Deploy web application of the system
- Write a live stream pumper which pump data from kinesis into kafka
- Write a kafka, redis, kubernetes cleaner to garbage collect existing task

Salaya/Chitlom, Thailand

Jan. 2018 - May. 2018

Extracurricular Activity

MUIC Programming Club

VICE PRESIDENT

- Help manage club activities and attempt to teach or influence junior and general people about the usefulness of programming

Salaya, Thailand

Aug. 2016 - Aug. 2017

Honors & Awards

DOMESTIC

2016 **Honorable Mention Prize**, Thailand IT Contest Festival

Bangkok, Thailand