Jetnipit Kulrativid

jetnipit-kul@gmail.com
+669-4012-5916
github.com/jKulrativid

I am a Computer Engineering student at Chulalongkorn University and a part-time software engineer at Agnos Health, previously earned 30 million dollars fund from Shark Tank Thailand. My work experience was mainly focused on backend development and database design. I am also a quantum computing enthusiast who eagers to participate on quantum challenges especially ones from IBM.

💻 Work Experience

Software Engineer at Agnos Health
September 2022 – Present
- Designed, analyzed, and developed APIs
- Maintained existing application and implemented new feature
- Visualized the information from the database and cooperated with data scientist team

Software Engineer at Chula UTC
March 2022 – August 2022
- Designed, developed, and deployed backend API and microservices
- Maintained existing project, worked on legacy code, and ensured consistency of services
- Monitored and migrated database, both SQL and NoSQL

💪 Skills

Programming Languages : **Go**, C, C++, Python, Java, Ruby, Scala, Assembly, MATLAB, SQL, VerilogHDL, JavaScript/TypeScript

Frameworks : **Gin**, **GORM**, Fiber, Echo, Ruby on Rails, gRPC, **Django**, FastAPI, GraphQL, Prisma, React.js

Cloud Service Provider : AWS, GCP

Tools : **Docker**, **Git**, GitHub Actions, Redash, SonarQube, Locust

Others : Qiskit, Clean Architecture, Domain Driven Design, SOLID Principle, CQRS, UML2.0, basic UNIX command

Affiliation :
- Thailand Incubator Club (Thinc.)

🏆 GPA : 3.65

🏠 Language
- Thai (native)
- English (basic communication and reading)

📰 Medium Articles
- Booth Algorithm

🛠 Projects and Participations

IBM Quantum Challenge Fall 2022
November 2022
- Received the Advanced Badge issued by IBM

DMIND Application with Chula UTC
March 2022 – August 2022
- Developed depression detection app with *100k* users and collaboration with Chulalongkorn Hospital
- Administrated database and cooperated with data scientist
- Maintained the delivered services such as text answer feature
- Selected as representative of Thailand at *i-CREATe 2022 at Hong Kong*

Automated MoCA Application
with Chula UTC
June 2022 – August 2022
- Developed automated MoCA test application which does not require neurologist to operate
- Restructured MoCA backend service and remodeled tangled database design

Qiskit Global Summer School 2022
July 2022
- Received the Certificate of Participation from Qiskit Summer School
- Received the Quantum Excellence badge issued by IBM

CU Newbie Website
with Thailand Incubator Club
June 2022 – July 2022
- Developed job-finding website for university internship which is currently on soft launch for job provider

Electronic MoCA Application
with Chula UTC
May 2022 – June 2022
- Investigated legacy code so that there is no exposed vulnerability
- Implemented new feature that conformed PDPA and IRB

Qiskit | Global Summer School 2022

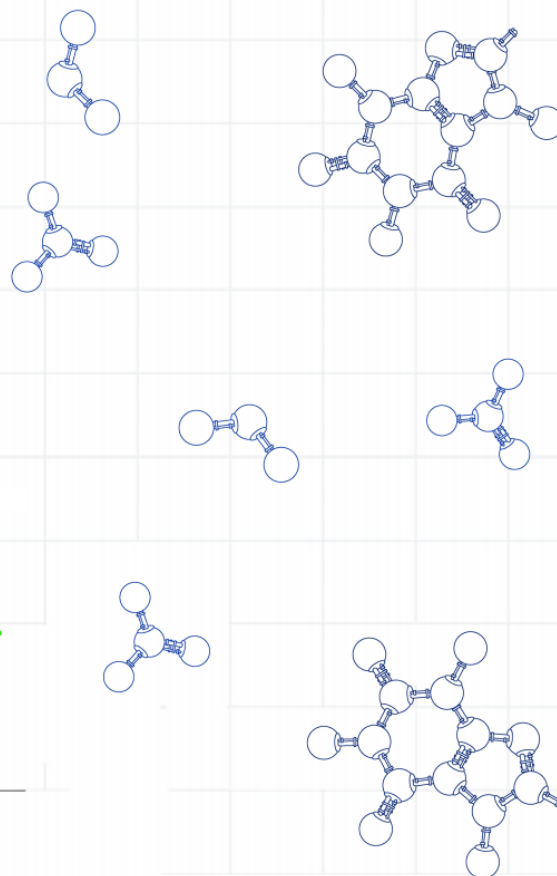## Certificate of Participation

Presented to

Jetnipit Kulrativid

For the 2022 Qiskit Global Summer School on Quantum Simulation

Quantum Education and Open Science
IBM Quantum

August 17, 2022

Date

15th i-CREATe 2022 HONG KONG

The 15th International Convention on Rehabilitation Engineering and Assistive Technology

Global Student Innovation Challenge

Technology Category

Certificate of Attendance

This Certificate is awarded to

DMIND: Detection and Monitoring Intelligence Network for Depression

Chulalongkorn University (Thailand)

Kittipoch Saengsai
Preedarat Watthangkul
Jetnipit Kulrativid
Posawat Maileung

Co-organisers:

85th THE HONG KONG POLYTECHNIC UNIVERSITY 香港理工大學 康復治療科學系 Department of Rehabilitation Sciences HK Occupational Therapy Association 香港職業治療學會 CREATe ASIA

QTFT ACADEMY

CERTIFICATE *of* COMPLETION

Awarded to

Mr.Jetnipit Kulrativid

for successfully completing

Overview of Quantum Technology

on

7 January 2023

Awarded by

Jirawat Tangpanitanon • QTFT CEO