

Jetnipit Kulrativid

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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

- 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 :** 3.63

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 30k 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](#)

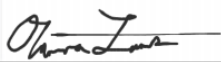
Qiskit | Global Summer
School 2022

Certificate of Participation

Presented to

Jetnipit Kulrativid

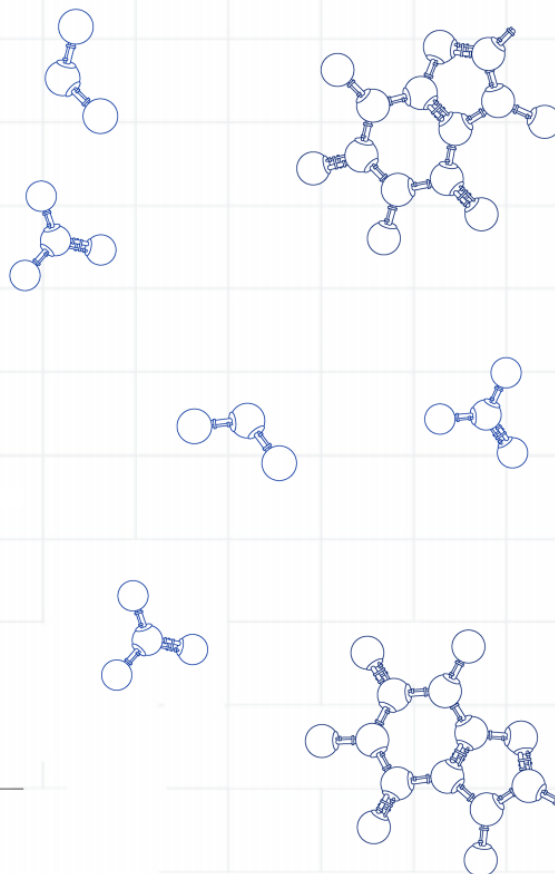
For the 2022 Qiskit Global Summer School on Quantum Simulation



Quantum Education and Open Science
IBM Quantum

August 17, 2022

Date



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:

