



# CERTIFICATE

## OF COMPLETION

Programming Hub Certifies that

**JIWOOK KIM**

has successfully completed  
**Artificial Intelligence Certification Course**  
and has knowledge of Artificial Intelligence.

Certificate ID: 1658556091951  
Granted on July 23, 2022

Nigel Crasto  
Director  
Programming Hub

Tito Idicula  
Director  
Programming Hub