

Chung-Ang University

UPON THE RECOMMENDATION OF THE FACULTY
OF THE GRADUATE SCHOOL
HAS CONFERRED THE DEGREE

PH.D. IN ENGINEERING

UPON Sengly Muy

(MAJOR : AI,IoT& Big Data based Future Energy Industry)

AUGUST 23, 2024

BASED ON SUCCESSFUL COMPLETION OF A DOCTORAL
COURSE AND A DISSERTATION SUBMITTED TO THE
COMMITTEE ON GRADUATE STUDIES OF THE UNIVERSITY.
GIVEN AT SEOUL, KOREA.



EE-GYEONG KIM, Ph.D.

DEAN OF THE GRADUATE SCHOOL



SANG-GUE PARK, Ph.D.

PRESIDENT