

**ENGLISH REMEDIAL FRAMEWORK BASED ON CONSTRUCTIONISM  
TO ENHANCE ENGLISH WRITING ABILITY AMONG  
SOFTWARE ENGINEERING STUDENTS**

**TEERAPORN SAEHEAW**

**DOCTOR OF PHILOSOPHY  
IN KNOWLEDGE MANAGEMENT**

**THE GRADUATE SCHOOL**

**CHIANG MAI UNIVERSITY**

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**A THESIS SUBMITTED TO THE GRADUATE SCHOOL IN  
PARTIAL FULFILLMENT OF THE REQUIREMENTS  
FOR THE DEGREE OF  
DOCTOR OF PHILOSOPHY  
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ENGINEERING STUDENTS

TEERAPORN SAEHEAW

THIS THESIS HAS BEEN APPROVED  
TO BE A PARTIAL FULFILLMENT OF THE REQUIREMENTS  
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