NUTCHAPAT THEETAWATWONG

Bachelor of Civil Engineering, Master's in Structural Engineering

ABOUT -

Sex: Male

Nationality: Thai

DOB: November 10th, 1996

Age: 24 Years old

Email:

25211.nutchapat@gmail.com **Mobile:** +66 84 657 9738

Address:

100/44 Soi.Bangkrang38 Bangkruy - Sainoi Rd. Muang

Nonthaburi, 11000 **Language:** Thai, English **Working Experience:**First-time job seeker

SKILLS -

Language: English, Academic Writing Placement Test (AWPT by AIT) 6.0/9.0

Working Skills:

Python, AutoCAD, ETABS, SAP2000

Other Skills:

Golf, Piano, Guitar

REF.PERSON

Dr. Punchet Thammarak

Adjunct Faculty of Structural Engineering at Asian Institute of Technology

Email:

punchet.thammarak@gmail.com

EDUCATION

2012 - 2015

Assumption College Thonburi, Bangkok

· High School Education

2015 - 2018

King Mongkut's University of Technology Thonburi, Bangkok

- Bachelor of Engineering (Civil Engineering) with cGPA 3.64 (1st Place, 1st Class Honors)
- · Internship: AP Thailand, Site Engineer
- Dissertation Title: An Application of 3D Laser Scanning for Building Layout

2019 - 2021

Asian Institute of Technology, Thailand

- Master of Engineering, Structural Engineering with cGPA 3.33
- · Scholarships: HM the King's Scholarships
- Thesis Title: Large-Field Displacement Measurement System using Sampling Moiré Camera

THESIS DISCRIPTION

Thesis: Large-Field Displacement Measurement System using Sampling Moiré Camera

- → Develop the algorithm on Python to enable the ordinary digital camera to capture the movement of the structures (Ex. Bridges, Buildings).
- → Develop the wireless-based system (by MQTT Protocol (IoT)) for the Sampling Moiré Camera, so that the Cameras can communicate with engineers based on the internet cloud system.

AWARD & EXPERIENCE

- 1st Year Outstanding Academic Achievement, KMUTT, 2015
- 1st Class Honor, KMUTT, 2018
- 3rd Runner-Up, Engineering Student Talent Award 2018 from Indian Institute of Technology Alumni (Thailand), 2018
- 1 of 3 Thai Students got Fully Funded from Temasek, Singapore to Participate in Temasek Foundation International (STEP Aviation Forum 2019) at MIT - Singapore University of Technology, Singapore, 2019
- The King's Scholarship for Master's in field of Structural Engineering of School of Engineering and Technology at Asian Institute of Technology, 2019





KING MONGKUT'S UNIVERSITY OF TECHNOLOGY THONBURI

BANGKOK 10140, THAILAND

OFFICIAL TRANSCRIPT OF RECORDS

STUDENT ID NO. 58070500611

NAME: MR.NUTCHAPAT THEETAWATWONG DATE OF BIRTH: NOVEMBER 10, 1996

PREVIOUS CERT/DEGREE: GRADE 12 QUALIFICATION

DATE OF ADMISSION: JULY 22, 2015
DATE OF GRADUATION: JUNE 12, 2019

FACULTY OF ENGINEERING

FIELD OF STUDY: CIVIL ENGINEERING

MAJOR: -

DEGREE CONFERRED: BACHELOR OF ENGINEERING

(CIVIL ENGINEERING)

OURSE NO. COURSE TITLES	CREDITS/GR	ADES	COURSE NO.	COURSE	TITLES	CREDIT	S/GR	RADE
FIRST SEMESTER (2015)		113	CVE382 HYDRAUL	IC ENGINEERIN	G		3	A
CHM103 FUNDAMENTAL CHEMISTRY	3	B+				Total Credit	20	
CHM160 CHEMISTRY LABORATORY	1	B+			GPA. 3.35	Cum.GPA.	3.56	
CVE100 COMPUTER PROGRAMMING FOR CIVIL E	NGINEERING 3	В	SPECIAL SEMESTE	R (2017)				
GEN111 MAN AND ETHICS OF LIVING	3	B+	CVE300 INDUSTRI	AL TRAINING			2	S
LNG102 TECHNICAL ENGLISH	3	A				Total Cred	it 2	
MTH101 MATHEMATICS I	3	A			GPA	Cum.GPA.	3.56	
PHY103 GENERAL PHYSICS FOR ENGINEERING S	TUDENTS I 3	B+	FIRST SEMESTER	(2018)				
PHY191 GENERAL PHYSICS LABORATORY I	1	A	CVE401 CIVIL ENG	INEERING PRO	JECT PROPOSAL		1	Α
	Total Credit 20		CVE414 CONSTRU	CTION ESTIMAT	ING AND SPECI	FICATIONS	3	A
GPA. 3.60	Cum, GPA. 3.60		CVE415 CONSTRU				3	B
SECOND SEMESTER (2015)			CVE444 PRESTRE	SSED CONCRET	TE DESIGN		3	W
CVE111 ENGINEERING DRAWING	3	Α	CVE448 FUNDAME	NTAL OF FINITE	ELEMENT MET	HOD	3	A
CVE131 ENGINEERING MECHANICS I	3	A	GEN224 LIVEABLE				3	A
GEN101 PHYSICAL EDUCATION	1	В	LNG234 INTERCUL		INICATION		3	A
LNG103 ENGLISH FOR WORKPLACE COMMUNICA	TION 3	A				Total Credit	16	
MTH102 MATHEMATICS II	3	A	The same of the sa		GPA. 3.90	Cum.GPA.		
PHY104 GENERAL PHYSICS FOR ENGINEERING S		B+	SECOND SEMESTE	R (2018)	O. A. 0.00	Outries 7 to		
PHY192 GENERAL PHYSICS LABORATORY II	1	В	CVE402 CIVIL ENG		IECT		3	A
PRE151 ENGINEERING MATERIALS	3	B+	CVE403 SPECIAL 1			UVSIS AND	_	A
	Total Credit 20	1		F STRUCTURES		LI OIO / UID		
GPA. 3.75	Cum.GPA, 3.67		CVE404 SPECIAL			N MODELING	3	A
FIRST SEMESTER (2016)	Culli.GFA. 3.07			ENGINEERING				
CVE221 SURVEYING	3	C+	CVE411 MODERN	CONSTRUCTION	ENGINEERING	AND	3	A
CVE223 SURVEYING PRACTICES	1	A	TECHNOL					
CVE232 ENGINEERING MECHANICS II	3	A	LNG241 ACADEMIC	C WRITING I				A
CVE233 MECHANICS OF MATERIALS	3	A				Total Credit		
		B+	ATT THE STREET		GPA. 4.00	Cum.GPA.	3.64	
GEN121 LEARNING AND PROBLEM SOLVING SKIL		C+		TRANSC	RIPT CLOSED -	_		
LNG221 ORAL COMMUNICATION I	3		AND THE RESERVE OF THE PARTY OF					
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MTH201 MATHEMATICS III	3	A		S PRESCRIBED				
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ASIAN INSTITUTE OF TECHNOLOGY OFFICIAL TRANSCRIPT

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GRADING SYSTEM FOR GRADUATE PROGRAMS

Grade Grade	Definition	Grade Points
A	Excellent. Thorough knowledge and mastery of concepts and/or techniques together with a high degree of skill and/or great originality in satisfying the requirements of a piece of work or course.	4.00
8+	very Good. Thorough knowledge and mastery of concepts and/or techniques together with a fairly high degree of skill in the use of those concepts and techniques in satisfying the requirements of a piece of work or course.	3.50
В	Good. Good level of knowledge or mastery of concepts and/or techniques with a considerable skill in using them in satisfying the requirements of a piece of work or course.	3.00
C+	Near Competent. Level of knowledge or mastery of concepts and/or techniques requires more efforts to satisfy the requirements of a piece of work or course.	2.50
С	Deficient. Level of knowledge or mastery of concepts and/or techniques requires intensive efforts to satisfy the requirements of a piece of work or course.	2.00
D	Highly Deficient. Knowledge or mastery of concepts and/or techniques and understanding of the subject matter is unacceptably low.	1.00
F	the subject matter is very limited knowledge or limited mastery and understanding of concepts and/or techniques; comprehension of the subject matter is very limited.	0
1	Incomplete. Course may be completed at a later time without prejudice.	
Pass/Fail	A "passing" grade refers to any grade above "1" and a "failing" grade refers to grade equal to "1" or below.	<u> </u>

A thesis (22 credits), research study (10 - 12 credits) or project (6 credits) which is judged to be satisfactory, is accorded one of the following grades:

Grade	Definition
Excellent	An excellent grade marks an exceptionally skillful and innovative piece of research. The work clearly and explicitly has significance in the respective field on a national and international level. The knowledge of previous research and theoretical discussion is comprehensive, the concepts relevant and derived skillfully from prior discourse in the respective field. Due to scientific or practical merits, the work could be published as such or as an abridged version in a scientific or - in case of a project - practitioner's journal or a similar reviewed publication in the field.
Very Good	Overall, the work indicates the author's independent, critical and innovative research method, ability to analyze theoretically substantial bodies of knowledge and problems or the skill to implement solutions to significant practical assignments. The research goals, concepts and terminology and research problems are well-determined and skillfully combined into a theoretical framework. The research methodology is well chosen and argued, and the gathering and analysis of material has been done with insight.
Good	The work demonstrates, while not on a high level, the author's ability to accurately conduct research or – in case of a project - prepare solutions to practical problems. The topic and approach chosen may be conventional. The methodical choices have been accounted for, if only narrowly. Theories and research results related to the research subject have been discussed, but on the whole the approach may be mechanical, merely listing the relevant research bases. The language range used may be limited.
Fair	The research work is acceptable but there are shortcomings on several aspects. Research goal and the terminology used may be unclear. The scientific or practical background may be either too narrow or badly delimited. Analysis of the material may be incomplete and the presentation of the results not fully convincing.

Note: Internships are graded Excellent, Very Good, Good or Fair.

Grades received for all courses are used in the computation of cumulative averages, but only course grades of C or higher can be counted to satisfy the credit requirement.

A student must repeat a required course if the grade awarded was not considered satisfactory (grade "D" or "F"). A student may choose to repeat any course. When a course is repeated, only final grade is recorded on the final transcript, along with no. of attempts noted. Students who repeat courses are not eligible for awards based on CGPA. Students are charged for repeating courses at the standard rate per credit hour.

An audit course cannot be given grades or credit as the student is not required to take examinations, but may participate in class discussions at the discretion of the course instructor.

English is the language of all Institutes' academic and administrative communication.

AIT Degree requirements can be obtained by contacting registry@ait.ac.th.

Contact Address: Registry Unit, Office of Student Affairs (OSA), Asian Institute of Technology, P.O. Box 4, Klong Luang, Pathumthani 12120, Thailand Tel: (66-2) 524-5034-36, 6322, 6325; E-mail: registry@ait.ac.th; Homepage: www.ait.ac.th



For verification, please check from URL: https://certificates.ait.ac.th/76f84da2-da08-4d46-5743-24021a398f02



Asian Institute of Technology

Postal Address: P.O. Box 4, Klong Luang Pathumthani 12120 Thailand Street Address: 58 Moo 9. Km. 42, Paholyothin Highway Klong Luang, Pathumthani 12120 Thailand (For local calls, dial 02 before the tel/fax nos.) Tel (66-2) 524-5034 - 36 Fax (66-2) 524-6366 http://www.ait.ac.th

CERTIFICATION

TO WHOM IT MAY CONCERN:

This is to certify that **Mr. Nutchapat Theetawatwong**, a citizen of Thailand, was awarded the degree of Master of Engineering in Structural Engineering by the Asian Institute of Technology on 29 July 2021.

This further certifies that AIT, Southeast Asia's premier postgraduate institute of engineering and applied sciences, has students, staff and faculty coming from more than 40 countries. Given the wide range of cultural backgrounds, English is used as the medium of communication in all academic work and the official administrative language.

The Institute would be very grateful for any assistance extended to Mr. Nutchapat Theetawatwong.

Certification is Not Valid Without the Institute's Dry Seal

Dr. Kamonkanok Kiatisakchai

Director, Office of Student Affairs

30 July 2021

