

Chaiwat Sanboonsong

House No. 32/33 Parichart village, Klongsi, Klongluang, Pathum Thani, Thailand, 12120

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Education

Bachelor of Civil Engineering, King Mongkut's University of Technology Thonburi, Thailand 2017-Present

- Expected to graduate with First Class Honors –GPA: 3.90
- Structural Analysis I&II: A, Steel Design: A, Reinforced Concrete Design: A, Prestressed Concrete Design: A, Fundamental of Finite Element Method: A, Personality Development And Public Speaking: A

Suankularb Wittayalai Rangsit School, Thailand GPA: 3.90 2014-2017

Work and Educational Experience

Bachelor's Dissertation, KMUTT, Thailand September 2020-July2021

- Capstone project in topic of “Design and comparison of transfer structures for supporting the discontinuous column” associated with Meinhardt (Thailand) Ltd.
- Studied design of Reinforced Concrete Beam, Truss, and Plate Girder. And compared the structure by topic of self-weight, solidity ratio, material cost, and deflection.

Internship, KMUTT June 2020-August 2020

- Inspected structural plan of Wood Factory (steel structure) and improved the structure as redesign
- Modeled and analyzed the structure by Finite Element software (ETABS 2017)

Reinforced Concrete House Design Project, KMUTT, Thailand January 2020-June2020

- Designed 2 story house with usable floor area 500 sq.m. for elements: slab, beam, column, stairs, and footing
- Drawn reinforced detail for each element by AutoCAD 2017

Steel Structure Design Project, KMUTT, Thailand January 2020-June2020

- Designed steel structure, 5 story factory, for elements: beam, column, truss, frame, bearing plate, connection

Field camp, Khao Yai National Park, Thailand June2019

- Surveyed and collected data on field over 40,000 sq.m.
- Collaborated with other 6 teams to complete survey map.

Extracurricular Activities

Thammasat Tech Startup Competition, Thailand September 2019

- Member of selected 7 last teams
- Developed and tested business ideas about automatic purchasing and inventory management software

Tue Welcome Camp 13th, KMUTT's Tutorial Club, Thailand June 2019

- Guided trainee tutors as mentor of Physics academic
- Supervised classes and activities schedule

Nayao Camp 8th, KMUTT's Tutorial Club, Thailand January 2019

- Mathematics tutor who tough Fundamental of Statistic to secondary 3 students.
- Educated students for O-NET test and motivated alternative of careers as volunteer camp at Nayao school

Tue Welcome Camp 12th, KMUTT's Tutorial Club, Thailand June 2018

- Physics tutor who responded in part of Center of Mass
- Volunteer camp aimed to tutor freshy for basic knowledge adjustment before beginning of first semester.

KMUTT Cheerleader 14, KMUTT, Thailand March 2017

- Champion cheerleader team of 3K Cheerleader competition.

Skills

Language: Thai (Native), English (Intermediate) (IELTS Band 6.0)

Computer: Microsoft Office (Word, Excel, PowerPoint), Engineering software (AutoCAD, ETABS, SAP2000)

Interests

Traveling & Hiking, Running, Reading, Self-improvement