

Thitipong Bannapesat

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Education

Imperial College London

October 2020 – August 2021

M.Sc. Soil Mechanics and Engineering Seismology

- Grade: Pass

Chulalongkorn University

August 2016 – May 2020

B.E. Civil Engineering

- GPAX: 3.70 / 4.00

Triam Udom Suksa School

May 2013 – March 2016

Upper Secondary School

- GPAX: 3.50 / 4.00

Internship

The S.C.G. – Sekisui Sales Company Limited, Bang Sue, Bangkok

Internship as a Site Engineer

May 2019 – June 2019

- Controlled and monitored construction processes of modular houses
- Reported the progress of individual houses
- Ensured all construction tasks met requirements

Internship as a Design Engineer

June 2019 – July 2019

- Designed foundations for modular houses and surrounding structures
- Cooperated with and organized subcontractors

Dissertation

Quantitatively Linking Fabric and Stiffness in Sand

May 2021 – August 2021

- Adopting Contact Stiffness Matrix Method to simulate deformation and forces of particles
- Calculating stress and strain tensor of assembly of particulate material
- Calculating Young's and shear modulus of assembly of particulate material

Analysis of Precipitation Data from Satellite

Jan 2020 – May 2020

under GPM Project In Lower Chao Phraya Basin

- Eliminating bias in precipitation measurements from satellite
- Correcting satellite precipitation data for rain gauge precipitation data
- Predicting missing precipitation data within the basin area

Activities and Achievements

English Courses

At Ascensia Academy, Singapore

March 2010 – November 2010

- Preparatory course for admission to government schools

At GEOS Language Centre, Singapore

May 2016 – June 2016

- General English
- Communicative English

Freshman Welcoming Camp

At Engineering Faculty, Chulalongkorn University

July 2017

- Appointed the administrator and registrar

Language Skills

- Thai (Native)
- English (Professional Working Proficiency)