Pun Ngamsangrat

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Education

Chulalongkorn University   Dec 2020
M.Eng. in Structural Engineering

Chulalongkorn University   Mar 2020
M.Eng. in Geotechnical Engineering

Chulalongkorn University   Mar 2018
B.Eng. in Civil Engineering

Experience

SEAFCO Public Company Limited   Aug 2019 – Sep 2020
BIM Engineer, Geotechnical Engineer
- Introduced BIM to the company, thus I initiated the BIM team with the purpose to capture the maximize benefit from BIM process to the firm.
- Created templates and parameters to be used in creating quantity takeoff, shop drawing and as-built model for foundation works (Bored Pile and Diaphragm Wall).
- Created method for placing foundation structure due to it exact coordination (using Dynamo syncing with excel spreadsheet)
- Designed retaining structures due to its proper condition using FEM Software (Plaxis) with structural analysis software (SAP2000)

NL Development Public Company Limited   Apr 2016 – July 2016
NextGen Internship Program
- Prepared work to be estimated by gathering proposals, specifications and related documents.
- Develop cost and man hour's estimates and budget for bidding process.

SIA Construction and Management Company Limited   2015
Site Engineer Intern
- Assisted senior engineers with all tasks related to ensuring project success.
- Monitored construction and inspected installation of major systems.

Publications and Training

Resistance Against Pipe Jacking of Bangkok's Soft Clay	2019
Published *The Decision to Buy or Rent Scaffolding from an Engineering Economic Perspective*	2017
BIM Training – 3D Design by Autodesk Asia	2018
BIM Training – Tekla Company Limited	2018
Construction Information Modeling – Chulalongkorn University	2018

Skills

Software: Revit, Naviswork, Dynamo, SAP2000, Plaxis 2D, Plaxis 3D, MS Office, Python

Language: English (Fluent), Thai (Native)