

CHARUWAT SAICHUEA

CIVIL ENGINEER

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EDUCATION

2015 – 2019 **Bachelor of Engineering, Thammasat University**

- Major of Civil Engineering GPAX: 3.18

2009 – 2015 Mukdahan School (English Program), Mukdahan

- Science – Mathematics, Grade 12 qualification GPAX: 3.67

QUALIFICATIONS

I would like to describe my characteristics as an enthusiastic person. Particularly, I enjoy pushing myself to explore new challenges. When working as a team, I am open-minded and capable of being a good leader and also a follower. Moreover, I value the importance of time, hence I am always punctual. Accordingly, I generally set my goals and work hard to achieve them.

LICENSE

2020

Associate Engineer License

WORK EXPERIENCE

2019 - Present Sino - Thai Engineering and Construction Public Company Limited, Structural Engineer

MRTA Pink Line Monorail Project (Khae Rai – Min Buri Section) and Yellow Line Monorail Project (Lat Phrao – Sumrong Section)

- Responsibilities: Station Structure
 - Review detailed design for Station Structure
 - Design and work coordinate with project manager, designer, architect, MEP, owner and construction team
 - Prepare and control shop drawing for the construction
 - Review on-site technical issues and detailed designs to ensure they are correct and safe
 - Calculate the coordinate and elevation for the construction and installation of structural parts
- Additional work: Support architect and construction team during the construction stage
 - Analyze and design temporary falsework of crossbeam for station structure during the construction stage
 - Calculate and check pile tip of driven pile for the pump room and water tank structure
 - Calculate and check prestressing of crossbeam from the beginning to the final stage of the construction
 - Calculate and check ring system scaffold for the construction stage of platform crossbeam
 - Calculate and check lifting detail for structural parts installation during the construction stage

WORK EXPERIENCE (Continued)

• Additional work:

- Analyze and design roof structure
- Estimate reinforced concrete, steel structure and prestress tendon

2018 Internship:

Italian - Thai Development Public Company Limited

Green Line Project (Mo Chit – Saphan Mai – Khu Khot) and Gold Line Project (Krung Thon Buri – Khlong San)

• Responsibilities: Site Engineer and Budget/Cost/QC

- Estimate the quantity and cost of materials
- Monitor project progress comply with standards, quality and requirements
- Set budget for payment, material, labor cost and machine
- Review and analyze BOQ for cost estimation
- Calculate coordinate and area of surveying field for the construction
- Explore and observe any obstructions on-site of surveying filed

SKILLS

• Language skill: Intermediate Command in English

2020 CU-TEP test result is 62/120 2017 TU-GET test result is 490/1000 2014 CU-AAT test result is 830/1600

• Computer skill:

- Microsoft office (Microsoft word, Excel and power point)
- SAP2000, ETAB, Autodesk Robot
- AutoCAD, Autodesk Revit and Sketch Up

EXTRACURRICULAR ACTIVITIES & VOLUNTEER WORK

2018 Staff of Engineering Camp, Thammasat University

- Organize the even
- Provide the registration for attendance
- Arrange essential goods and services for attendance

2016 – 2017 **Volunteer Camp**,

As a part of the team, I went to a small rural village school with insufficient facilities and helped to construct more facilities.

- Nakhon Ratchasima in 2016
- Chaiyaphum in 2017