



EDUCATION

MASTER'S DEGREE, Transport and Geoinformation Technology

KTH Royal Institute of Technology
Stockholm, Sweden
2022 — 2024

BACHELOR'S DEGREE, Civil Engineering

Rajamangala University of Technology
Isan
Khon Kaen, Thailand
2012 — 2017

SKILLS

QGIS
ArcGIS
SQL
Java
Python (Numpy, SciPy, and
Scikit Learn)
AutoCAD/3D
SketchUp3D
GitHub
RailSy
R.C. Design (Houses)

LANGUAGES

English - Fluent
Thai - Native
Swedish - Basic

Extra

Presented paper 'A Smart-Card Based Analysis of During and Post-Disruptions Impacts on Public Transport Passengers' Travel Patterns' at the Transport Research Board Annual Conference 2025 in Washington D.C. in January 2025.

PROFILE

Enthusiastic graduate student with a Master's degree in Transport and Geoinformation Technology and proven success in utilising transport data analytics to assess the impact of disruptions on passenger travel patterns. Demonstrates strong problem-solving abilities and experience in strategic planning and client relationship management. Actively seeking a challenging role in the sustainable transport sector, equipped with full Australian work rights.

WORK EXPERIENCE

DATA COLLECTOR AND ENTRY

Trivector Traffic, Stockholm, Sweden | Nov — Dec 2023

Collaborated with a team to perform a systematic traffic evaluation in the parking lot of a community shopping center. This involved developing a comprehensive data collection plan, assigning tasks, and ensuring the integrity of data entry practices.

- Collected and recorded license plate numbers from vehicles parked in designated research areas within Farsta Centrum.
- Accurately entered and geo-referenced data to ensure precise location information, delivering the completed dataset to the client.

CIVIL (OFFICE) ENGINEER OFFICER

MAA Consultants Co, LTD, Thailand | 2021 — 2022

Participated in the State Railway of Thailand (SRT) project to double railway tracks in southern Thailand, contributing to two key projects:

- State Railway of Thailand (SRT) Track Doubling Project (Southern Thailand):
 - Reviewed and approved contractor construction drawings.
 - Assisted with field inspections to ensure compliance with project specifications,
 - Prepared and submitted regular progress reports to the project manager and SRT.
- Northern & Northeastern Thailand Railway Projects (SRT):
 - Supported the tendering and bidding team in evaluating bidder qualifications.
 - Documented meeting minutes during price and quality negotiations with SRT and other authorities.

QUALITY CONTROL & QUALITY ASSURANCE

Christiani & Nielsen (Thai) Co., LTD., | Saipem PLC. 2019 — 2020

My contributions to the PTTLNG Nongfab Receiving Terminal Project in Thailand focused on ensuring the quality and timely construction of reinforced concrete LNG storage tanks. This involved developing and implementing robust quality control systems, monitoring construction progress and materials, overseeing material testing, and processing Request of Information (RFIs) and Request of Approval (RFAs).

Personal Website

<https://natsit.me/>

REFERENCES

Available on request

- Quality Control & Construction Oversight:
 - Developed and implemented quality control systems for reinforced concrete storage tanks.
 - Monitored construction activities and inspected materials, including rebar, welds, and concrete.
 - Manage the RFI/RFA process and material testing procedures.
 - Prepared and submitted quarterly payment reports.
- Collaborative Project Management:
 - Collaborated with clients, consultants, safety, engineering, and contracting teams.
 - Developed and implemented construction method statements.
 - Managed weekly project meetings, documenting decisions and ensuring stakeholder alignment.

ESTIMATOR

T-Engineering PLC., Thailand | 2018 — 2019

In my role, I developed accurate cost estimates and bills of quantities (BOQs) for a range of construction projects, including warehouses and apartment buildings.

- Created precise cost estimates and BOQs for various construction projects
- Prepared comprehensive BOQs to facilitate the bidding and tendering process.
- Conducted site visits with the bidding team to verify quantities, particularly for reinforced concrete structures.

CIVIL (OFFICE) ENGINEER / STUDENT INTERN

CH Karnchang PCL., Thailand | 2016 — 2018

I began my career as an intern in the engineering department of the State Railway of Thailand's Jira Junction to Khon Kaen track doubling project, where I designed railway infrastructure based on a prototype. I then transitioned to a full-time position in the construction department, focusing on construction and project management.

- Internship (State Railway of Thailand)
 - Designed and implemented drainage systems for railway stations and track drainage.
 - Monitored the construction of box underpasses.
 - Assessed existing structures for demolition or maintenance.
 - Conducted slope-deflection design for batter slopes alongside the railroads using the KUSlope software program.
- Full-Time Civil Engineer (State Railway of Thailand)
 - Managed overall construction and project timelines using Microsoft Project to track progress.
 - Monitored construction progress for railway stations
 - Inspected the advancement of railway stations and collaborated with the team to address defects with contractors on field work.