



## 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  
Python (Numpy, SciPy, and  
Scikit Learn)  
SQL  
AutoCAD/3D  
SketchUp3D  
RailSy  
Java  
MS Project, Microsoft Office

## LANGUAGES

English - Fluent  
Thai - Native  
Swedish - Basic

## ACHIEVEMENTS

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

## PROFILE

Enthusiastic and driven graduate with a Master's degree in Transport and Geoinformation Technology from Stockholm, Sweden, with demonstrated expertise in transport data analytics, particularly in assessing the impacts of disruptions on passenger travel patterns. Equipped with a strong background in civil engineering and experience in infrastructure and project management, I bring proven problem-solving skills and a collaborative mindset to multidisciplinary teams.

## 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.
- Developed 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 ENGINEER

#### 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 — 2021

The PTTLNG Nongfab Receiving Terminal Project in Thailand

- Ensured the quality and timely construction of reinforced concrete LNG storage tanks
- Quality Control & Construction Oversight:
  - Developed and implemented quality control systems for reinforced concrete storage tanks.

## WEBSITE

<https://natsit.me/>

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## Thesis Project, Master's Degree

<http://kth.diva-portal.org/smash/get/diva2:1883920/FULLTEXT01.pdf>

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## REFERENCES

Available on request

- Improved QA inspection efficiency by developing a checklist tool and archive.
- Monitored construction activities and inspected materials, including rebar, welds, and concrete.
- Manage the Request of Information (RFIs) and Request of Approval (RFAs) 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

- Created precise cost estimates and bills of quantities (BOQs) for various construction projects, including warehouses and apartment buildings.
- 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 ENGINEER

### CH Karnchang PCL., Thailand | 2016 — 2018

The State Railway of Thailand's Jira Junction to Khon Kaen track doubling project

- Civil Engineer in the construction management department
  - 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.
- Student intern in the engineering department
  - 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.