

## 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  
GitHub  
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 graduate with a Master's degree in Transport and Geoinformation Technology and full Australian work rights. Experienced in transport data analytics, infrastructure project coordination, and civil engineering across Sweden and Thailand. Passionate about sustainable mobility, with hands-on experience in transport evaluation, transport strategy, GIS-based analysis, and stakeholder coordination. Eager to contribute to smart, equitable, and data-driven transport solutions in Australia.

## 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 (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

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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## 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 (OFFICE) ENGINEER / STUDENT INTERN

### 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 based on a prototype.
  - 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.