

Zhang Zhen (Jenny)

1 year experience in Middle Office Business Change Analyst under Functional Management Team and more than 5 years experience as Transportation System Engineer. Enjoy effectively collaborating with diverse teams on large scale projects, as well as working individually.

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WORK EXPERIENCE

Middle Office Business Change Analyst

🏢 UBS AG Singapore Branch 📅 2021 – present 📍 Singapore

- Initiate and implement process change for Middle Office operations, especially Periodic KYC related topics.
- Provide holistic assessment on business impact in terms of risks, dependencies, FTE impact and benefits, which includes supporting testing activities, document new operational procedures and conduct training to impacted teams.
- Closely interact with internal stakeholders and identify potential opportunities for process improvement and facilitate continuous process optimization.

Transportation System Engineer

🏢 Land Transport Authority 📅 2019 – 2021 📍 Singapore

- Supervise traffic light operations on over 800 junctions in Singapore, improving congestion of major junctions by 20%.
- Collaborate with internal and external divisions to work on several major road network development projects such as new bus interchange, expressway slip road or arterial road opening.
- Evaluate technologies to enhance traffic operations, conducting performance comparisons and documenting results.

Principal Assistant Transportation System Engineer

🏢 Land Transport Authority 📅 2018 – 2019 📍 Singapore

- Facilitated gathering the user requirements for the next generation traffic light system (CRUISE) project.
- Coordinated new detection system trial project with Siemens, collecting traffic data for comparison.
- Directed Chinese and English presentations to introduce Singapore's ITS Ops for foreign government officials.

Senior Assistant Transportation System Engineer

🏢 Land Transport Authority 📅 2014 – 2018 📍 Singapore

- Supported on annual large scale events, such as F1 and NDP, optimizing traffic flow under multiple road closures.
- Evaluated allowable working hours for lane closure along 8 expressways to minimize the traffic impact.
- Analyzed complex traffic situations to fine-tune traffic light system parameters, enhancing traffic conditions.

EDUCATION

Bachelor in Industrial Management (System) Engineering

🏢 National University of Singapore

- GPA: 4.37/5.0
- Honours (Distinction) in NUS Bachelor Degree

Diploma in Electronics Engineering

🏢 Temasek Polytechnic

- GPA: 3.9/4.0
- Diploma with Merit and Dean's List

SKILLS

Traffic Light Operations Analysis
Traffic Signal Design and Simulation
Detailed Knowledge in ITS Ops

Project Management
Microsoft Office Suite
Data Analysis

Python
SQL
Tableau

CERTIFICATES

Data Analyst Nanodegree
Udacity

Complete Machine Learning Data Science
Udemy

LANGUAGES

Chinese
Native Speaker

English
Full Professional Proficiency