

Sruangsaeng Chaikasetzin

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Summary of Qualifications

PhD student in Transportation Engineering with a keen interest in utilizing Intelligent Transportation Systems (ITS) to solve real-world transportation problems. With ten years of experience in civil engineering, I have worked on pavement materials, highway designs, and traffic operations at the Department of Highways (DOH), Ministry of Transport in Thailand. As a project manager at the Thailand Highway Traffic Operations Center, I have gained valuable expertise in traffic management.

EDUCATION

University of Illinois at Urbana-Champaign | Champaign, IL **December 2015**

Master of Science: Civil Engineering-Transportation Engineering

- Received Undergraduate Intelligent Scholarship Program by Office of the Civil Service Commission Funds, The Royal Thai Government
- Pavement Engineering with Non-Thesis option

Sirindhorn International Institute of Technology | Bangkok, Thailand **March 2012**

Bachelor of Engineering: Civil Engineering (International Program)

- Received Undergraduate Intelligent Scholarship Program by the Office of the Civil Service Commission Funds, The Royal Thai Government 2011-2012
- Awarded 1st class honors.

WORK EXPERIENCE

Bureau of Highway Safety, Department Of Highways | Bangkok, Thailand **May 2017 – September 2023**

Professional Civil Engineer - Traffic Data Collection and Planning Group

- Applied and Implemented Intelligent Transport Systems (ITS) for Traffic Management and Accident on National Highway Networks
- Planned and processed the development of the Highway Traffic Operations Center for DOH, including as the project manager of the installation of the ITS system
- Traffic data analysis for various purposes

Bureau of Materials, Analysis and Inspection, Department of Highways | Thailand **August 2012 – April 2017**

Practitioner Civil Engineer - Inspection and Audit Highways Material Group and Pavement Design Division

- Highway materials inspection and internal audit on the Highway Route 304 construction project (Tub-Lan Wildlife Corridor)
- Designed and recommended pavement structures for highway projects

TRAINING

Korea International Cooperation Agency (KOICA) | Online Program **September 2020**

Achieving Effective Transportation Using ITS

Japan International Cooperation Agency (JICA) | Tokyo, Japan **July 2019**

Practical Technology on Intelligent Transport System (ITS)

SKILLS

Technical: Python (Intermediate), R (Intermediate), Tableau (Intermediate)