



MIE498H1: Research Thesis 2025-2026

Supervisor	Mark Fox
Supervisor email	msf@eil.utoronto.ca
Number of Positions	1
Open to	Undergraduate Industrial Engineering Students
Term Offered	Winter 2025
Research Area	Information Engineering
Research Topic	Review and Application of Ontologies for City Land Use and Zoning

Project Description

Ontologies are logic-based formal representation of knowledge. As part of the Urban Data Research Centre we have created a City Digital Twin for the City of Toronto. We are planning to extend the twin to include information about land use and zoning. This project will conduct a survey of relevant data standards and ontologies, and apply them to representing Toronto zoning and land use rules.

Additional Information	NA
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Application Instructions	Please send your CV and unofficial transcript to msf@eil.utoronto.ca
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