

CARLETON UNIVERSITY
Department of Mechanical and Aerospace Engineering
MASTER'S THESIS EXAMINATION

CANDIDATE: *Sam Dunthorne*

DATE: *Tuesday August 18, 2026, 11:00 3324 Mackenzie Building*

THESIS TITLE: *Rooftop Defect Detection and Localization using Advanced Deep Learning Approaches*

EXAMINATION BOARD:

Internal Examiner	Chao Shen, Civil & Environmental Engineering	(In Person)
Member of Department	Fidel Khouli, Mechanical & Aerospace Engineering	(In Person)
Thesis Supervisor	Hashim Mohamed, Mechanical & Aerospace Engineering	(In Person)
Chair of Defence	Mostafa El Sayed, Mechanical & Aerospace Engineering	(In Person)
Chair/Director of Department or Designate	Edgar Matida	(Ex-officio)
Dean of Faculty	Ron Miller	(Ex-officio)
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