

Research Thesis Submission

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Name:	Eli Sheppard				
School:	Mathematics and Computer Science				
Version: (i.e. First, Resubmission, Final)	First Submission	PhD Robotics and Autonomous Systems			

Declaration

In accordance with the appropriate regulations I hereby submit my thesis and I declare that:

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- 2. Where appropriate, I have made acknowledgement of the work of others
- 3. The thesis is the correct version for submission and is the same version as any electronic versions submitted*.
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Submission	
Submitted By (name in capitals):	Eli Sheppard
Signature of Individual Submitting:	eson
Date Submitted:	26/04/2020

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Declaration

This thesis contains one or more multi-author published works. In accordance with Regulation 6 (9.1.2) I hereby declare that the contributions of each author to these publications is as follows:

Citation details	Sheppard, Eli and Lohan, Katrin S, Multimodal Representation Learning for Human Robot Interaction, Companion of the 2020 ACM/IEEE International Conference on Human-Robot Interaction, pages 445-446, (2020)
Author 1	Implementation of methods, analysis of results, writing of method, results, discussion and conclusion.
Author 2	Writing of introduction, proof reading
Signature:	aren/
Date:	26/04/2020
Citation details	Sheppard, Eli and Lehmann, Hagen and Rajendran, G and McKenna, Peter E and Lemon, Oliver and Lohan, Katrin S, Towards Life Long Learning: Multimodal Learning of MNIST Handwritten Digits, IEEE ICDL EPIROB 2018 Workshop on Life Long Learning
Author 1	Implementation of methods, analysis of results, writing of method, results, discussion and conclusion.
Author 2	Writing of Introduction, contribution made to analysis and discussion of results.
Author 3	Contribution to introduction, additional citations
Author 4	Contribution to introduction, proof reading
Author 5	Supervision of development of methods, Additional citations
Author 6	Supervision of development of methods, Additional citations, proof reading
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