

TOM SHERBORNE

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EDUCATION

2019 - Now	PhD Computer Science Thesis: Cross-lingual Modeling for Executable Semantic Parsing Supervisor: Mirella Lapata Investigating multilingual text-to-SQL for low-resource languages with minimal data. Currently investigating meta-learning for few-shot cross-lingual generalization. <i>Estimated graduation at the end 2023</i>	University of Edinburgh
2018 - 2019	MSc(R) Data Science Thesis: Bootstrapping a Crosslingual Semantic Parser Supervisor: Mirella Lapata	University of Edinburgh Result: DISTINCTION (79%)
2017 - 2018	MPhil Advanced Computer Science Thesis: Evaluating Image Description Systems with Truth-Conditional Semantics Supervisor: Ann Copestake	University of Cambridge Result: DISTINCTION (85%)
2013 - 2017	MEng Electronic Engineering Undergraduate Bachelor & Master Combined Degree Program	University College London Result: 1ST HONS (84%)
2015 - 2016	Columbia University – Exchange Student	GPA: 3.84

PROFESSIONAL EXPERIENCE

SEP. - NOW 2020	Cambridge Spark – Teaching Fellow Remote tutor for Data Science and Machine Learning apprenticeship training programs.
SEP. - NOW 2018	University of Edinburgh – Teaching Support Teaching Assistant for Deep Learning & Natural Language Processing class for 200+ students. Lead Instructor for GPU Programming and Cluster Training using PyTorch and Slurm.
JUN - SEP. 2018 2018	Apple – Machine Learning Intern Researcher investigating cross-lingual sequence classification in the <i>Siri</i> group with Diarmuid Ó Séaghdha.
JULY - OCT. 2017 2017	Cytora – Machine Learning Engineering Intern Engineer developing an information extraction pipeline for classification of global news events.

RECENT PUBLICATIONS

TACL	<i>A Cross-lingual Meta-Learning Algorithm for Semantic Parsing</i> Tom Sherborne and Mirella Lapata Under Review
ACL22	<i>Zero-Shot Cross-lingual Semantic Parsing</i> Tom Sherborne and Mirella Lapata Proceedings of ACL 2022
EMNLP20	<i>Bootstrapping a Crosslingual Semantic Parser</i> Tom Sherborne , Yumo Xu and Mirella Lapata Findings of EMNLP 2020 (presented at IntEx-Semparse 2020 Workshop)
AAAI20	<i>Going Beneath the Surface: Evaluating Captioning for Grammaticality, Truthfulness and Diversity</i> Huiyuan Xie, Tom Sherborne , Alex Kuhnle, and Ann Copesake Evaluating Evaluation of AI Systems (Meta-Eval 2020) at AAAI-2020

SKILLS & PROFESSIONAL SERVICE

SKILLED	Python, NumPy, SciPy, PyTorch, Git, Bash/UNIX, \LaTeX , Slurm, MATLAB, Pandas
PROFICIENT	SQL, Java, Javascript, , C, C++, Assembly, Verilog, SVN
REVIEWER	ACL20, EMNLP20-21, ACL ARR (Sep21-now), NAACL SRW & MIA , ICLR22 (highlighted reviewer)
VOLUNTEER	ACL2020, ACL2021, EMNLP2021