TOM SHERBORNE

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EDUCATION

2019 - Now	**PhD** Computer Science — University of Edinburgh
	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 variational models for cross-lingual structured prediction.
	Estimated graduation at the end 2023
2018 - 2019	**MSc(R)** Data Science — University of Edinburgh
	Thesis: Bootstrapping a Crosslingual Semantic Parser — **Result**: DISTINCTION (79%)
	Supervisor: Mirella Lapata
2017 - 2018	**MPhil** Advanced Computer Science — University of Cambridge
	Thesis: Evaluating Image Description Systems with Truth-Conditional Semantics — **Result**: DISTINCTION (85%)
	Supervisor: Ann Copestake
2013 - 2017	**MEng** Electronic Engineering — University College London
	Undergraduate Bachelor & Master Combined Degree Program — **Result**: 1ST HONS (84%)
2015 - 2016	Columbia University — Exchange Student — **GPA**: 3.84

PROFESSIONAL EXPERIENCE

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 natural language understanding in the *Siri* group with Diarmuid Ó Séaghdha.
JULY - OCT. 2017 2017	**Cytora** — Machine Learning Engineering Intern
	Engineer developing an information extraction pipeline for global news event classification.

RECENT PUBLICATIONS

TACL	*A Cross-lingual Meta-Learning Algorithm for Semantic Parsing*
	Tom Sherborne and Mirella Lapata
	Under Review
ACL22	*Zero-Shot Cross-lingual Semantic Parsing*
	Tom Sherborne and Mirella Lapata
	Proceedings of ACL 2022. Also presented at Multilingual Information Access Workshop 2022
EMNLP20	*Bootstrapping a Crosslingual Semantic Parser*
	Tom Sherborne, Yumo Xu and Mirella Lapata
	Findings of EMNLP 2020 (presented at IntEx-Semparse 2020 Workshop)
AAAI20	*Going Beneath the Surface: Evaluating Captioning for Grammaticality, Truthfulness and Diversity*
	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, ARR (9/22-now), NAACL SRW, MIA, ICLR22 (highlighted reviewer), NeurIPS22
VOLUNTEER	ACL2020, ACL2021, EMNLP2021